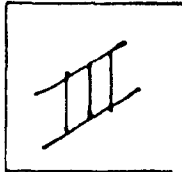


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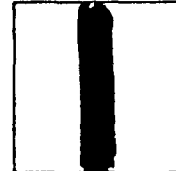
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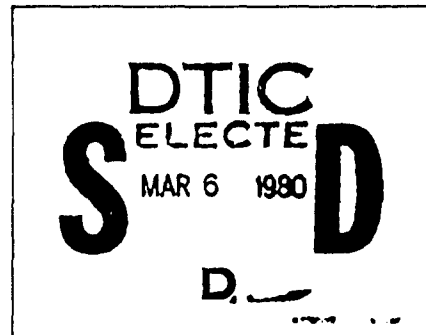
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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

GTR PITTSBURGH IAP/PITTSBURGH PA WBAN# 94823
N 40 30 W 080 14 FLD ELEV 1203 FT PIT WMO # 72520

PARTS A-F

FOR FROM HOURLY OBS: JUN 69 - MAY 79
FOR FROM DAILY OBS: JUN 53 - MAY 79

TIME CONVERSION GMT TO LST: -5

NOV 09 1979

Approved for public
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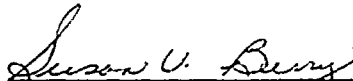
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Information Retrieval
Manager

FOR THE COMMANDER


WALTER S. BURGMANN
Scientific & Technical
Information Officer

27 FEB 1960

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS- 80/005	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER															
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Greater Pittsburgh IAP, Pittsburgh, Pennsylvania		5 TYPE OF REPORT & PERIOD COVERED Final rept.															
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES This supersedes AD-A074 690																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Greater Pittsburgh IAP, Pittsburgh, Pennsylvania It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percent frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Pennsylvania

*

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WMO NUMBER	
94823		GREATER PITTSBURGH IAP PITTSBURGH PA		N 40 30		W 080 14		1203		PIT		72520	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARR.					
1	Grtr Pittsburgh PA Apt	AAF	Jun 53	Dec 64	N 40 29	W 080 13	1168	1157 ft	24				
2	Same	NWS	Jan 65	Dec 68	N 40 30	Same	1203	1225 ft	8				
3	Same	Same	Jan 69	Dec 73	Same	Same	Same	1213 ft	8				
4	Same	Same	Jan 74	May 79	Same	W 080 14	Same	Same	8				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Jun 53	Located on top of hangar.	GMQ-1	N/A	55 ft								
2	Jan 55	Located on roof of weather station	Same	Same	30 ft								
3	Jan 65	Located on field near the station	F-420-C	F-312	20 ft								
4	May 79	Same	Same	Same	Same								

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WRAF sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item is reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total column. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

70-71
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.5	8.3	1.7	31.9		41.2	9.0	4.4	2.6		16.0	930
	03-05	.2	6.8	2.3	33.4		41.0	11.6	4.6	3.0		18.9	930
	06-08	.3	8.0	2.3	34.3		42.7	12.7	9.4	3.2	.1	24.2	930
	09-11	.1	6.3	2.4	34.8		42.2	13.3	19.7	4.9		36.7	930
	12-14	.1	7.8	1.3	32.6		41.0	10.4	13.5	5.3		29.4	930
	15-17	.1	7.1	1.1			38.1	8.5	10.8	3.8		22.9	930
	18-20	.4	7.6	.6	29.1		37.3	8.6	6.2	3.0		17.8	930
	21-23	.4	7.1	1.1	28.3		35.9	8.7	3.8	2.8		15.3	930
TOTALS		.3	7.4	1.6	31.9		39.9	10.4	9.1	3.7	.0	22.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 70-75 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	9.3	1.1	24.3		34.2	8.3	4.5	1.9		13.9	846
	03-05		7.8	1.8	26.6		34.4	10.6	6.1	1.3		16.9	846
	06-08		7.2	1.4	23.4		31.4	12.6	11.9	.2		23.4	846
	09-11		7.1	1.5	25.1		33.6	11.6	18.7	1.4		30.5	846
	12-14		7.9	1.2	22.7		31.0	7.7	10.4	1.8		19.3	846
	15-17		6.6	1.4	22.5		29.4	8.3	7.8	1.7		17.0	846
	18-20	.2	6.6	.9	19.9		26.7	9.3	6.3	1.4		16.0	846
	21-23	.5	6.5	.8	22.0	.1	28.8	7.1	4.6	1.7		12.5	846
TOTALS		.1	7.4	1.3	23.3	.1	31.2	9.4	8.8	1.5		18.7	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH [Ap/pITTSBURGH PA 10-79
STATION NAME YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.4	10.8		12.2		22.8	5.3	3.2	.5		9.0	930
	03-05	.3	12.2	.3	15.5		27.7	9.7	4.5	1.0		15.3	930
	06-08	.1	13.2	.3	16.3		29.2	16.5	12.4	.9		28.5	930
	09-11		11.4	.5	14.1		24.9	13.3	13.4	1.0		26.1	930
	12-14	.1	9.1		14.6		23.5	5.5	7.3	1.2		14.1	930
	15-17	.3	8.7	.1	12.7		21.0	4.2	5.4	.3		10.3	930
	18-20	.8	10.3		11.7		21.5	5.4	5.3	.4		10.9	930
	21-23	.9	10.6		12.8		23.0	4.8	3.2	.3		7.8	930
TOTALS		.4	10.8	.2	13.7		24.2	8.2	6.2	.8		15.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

70-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.8	11.7		3.2		14.8	5.6	1.7			7.1	900
	03-05	.6	12.7	.1	3.3		15.8	7.4	5.4			12.3	900
	06-08		12.7	.1	4.0		16.4	12.6	15.1			27.0	900
	09-11	.3	12.0		4.2		16.0	7.8	7.0			14.3	900
	12-14	.2	12.0		3.9		15.4	4.9	3.1			7.7	900
	15-17	.6	11.7	.1	4.2		15.2	4.6	3.0			7.2	900
	18-20	.9	12.8		2.8		15.3	4.0	3.1			6.8	900
	21-23	.7	12.1		2.6		14.2	3.6	1.3	.1		4.7	900
TOTALS		.5	12.2	.0	3.5		15.4	6.3	5.0	.0		10.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

70-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SNOW AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.4	12.7				12.7	12.6	4.9			16.2	930
	03-05	1.1	13.0				13.0	21.7	11.2			30.3	930
	06-08	.4	12.7		.1		12.8	22.3	21.3			40.9	930
	09-11	.3	10.8				10.8	8.7	13.8			21.9	930
	12-14	.6	12.6				12.6	5.3	7.0			12.3	930
	15-17	1.3	13.8				13.8	6.1	6.2			12.4	930
	18-20	1.8	14.2		.1		14.3	8.4	8.0			15.8	926
	21-23	1.5	12.3		.1		12.4	9.5	6.1			14.0	927
TOTALS		.9	12.8		.0		12.8	11.9	9.8			20.5	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH pA
STATION NAME

09-7d
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.0	8.1				8.1	14.4	14.3			27.7	900
	03-05	1.0	8.3				8.3	25.8	24.4			45.7	900
	06-08	.3	8.9				8.9	28.4	34.4			57.3	900
	09-11	.3	7.2				7.2	9.1	28.0			36.3	900
	12-14	.7	7.9				7.9	4.4	22.7			26.8	900
	15-17	2.4	9.1				9.1	3.3	21.4			24.7	900
	18-20	3.2	10.6				10.6	3.8	22.4			26.1	900
	21-23	2.4	9.1				9.1	7.0	18.0			24.7	900
TOTALS		1.5	8.7				8.7	12.0	23.2			33.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.1	5.8				5.8	16.0	24.7			38.3	930
	03-05	.8	7.1				7.1	33.5	28.0			54.8	930
	06-08	1.0	7.5				7.5	39.0	39.5			68.4	930
	09-11	.8	7.1				7.1	10.9	40.3			48.8	930
	12-14	1.2	5.5				5.5	3.4	33.7			36.9	930
	15-17	3.2	8.5				8.5	2.3	30.8			33.0	930
	18-20	1.8	8.4				8.4	4.4	33.8			37.5	930
	21-23	1.5	6.8				6.8	7.8	28.9			35.1	930
TOTALS		1.4	7.1				7.1	14.7	32.5			44.1	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.9	4.9				4.9	14.8	28.6			41.9	930
	03-05	.3	6.1				6.1	34.5	31.7			58.5	930
	06-08	.5	7.0				7.0	49.9	41.5			76.0	930
	09-11	.1	5.3				5.3	12.8	45.8			55.8	930
	12-14	1.3	7.8				7.8	3.4	37.3			40.6	930
	15-17	1.4	6.1				6.1	3.0	33.7			36.7	930
	18-20	1.8	7.0				7.0	4.5	34.3			38.4	930
	21-23	.8	5.3				5.3	5.3	29.7			34.3	930
TOTALS		.9	6.2				6.2	16.0	35.3			47.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH DA
STATION NAME

69-73
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	1.3	8.9				8.9	19.0	15.0			32.2	900
	03-05	.1	9.0				9.0	34.3	19.3			48.8	900
	06-08		9.6				9.6	47.4	30.3			67.6	900
	09-11	.3	9.1				9.1	15.2	32.1			45.2	900
	12-14	.3	8.8				8.8	5.8	20.3			25.8	900
	15-17	.7	7.8				7.8	4.1	18.7			22.6	900
	18-20	1.7	7.6				7.6	5.3	19.6			24.3	900
	21-23	.9	8.4				8.4	8.4	15.4			22.6	900
TOTALS		.7	8.7				8.7	17.4	21.3			36.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

94823 GTR PITTSBURGH IAP/pITTSBURGH DA 9-78 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.2	9.9		.3		10.2	13.7	7.3			18.8	930
	03-05		12.7		.3		13.0	21.1	10.6			26.5	930
	06-08		12.0		.2		12.3	30.6	18.4			39.0	930
	09-11	.1	10.4		.6		11.0	16.5	20.0			33.0	930
	12-14		9.6		1.7		11.1	6.5	9.9			16.0	930
	15-17		9.8		1.0		10.8	5.8	6.8			12.3	930
	18-20	.5	11.4		1.0		12.4	5.5	6.1			11.5	930
	21-23	.1	10.0		.8		10.8	7.3	6.0			12.2	930
TOTALS		.1	10.7		.7		11.5	13.4	10.6			21.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	.1	9.6		8.1		17.1	9.0	2.8			11.6	900
	03-05	.2	9.0		10.7		19.0	14.3	5.8			19.4	900
	06-08	.2	11.4	.3	10.8		22.2	20.9	13.3			31.6	900
	09-11	.1	10.2	.1	10.9		20.7	17.7	16.3	.1		32.1	900
	12-14	.1	11.1		11.3		21.9	9.9	11.3	.3		20.9	900
	15-17	.3	13.4	.3	9.6		23.1	9.3	9.2	.3		16.6	900
	18-20		13.3		8.9		21.7	7.7	4.1			11.8	900
	21-23		10.1		9.3		18.8	7.7	2.3			10.0	900
TOTALS		.1	11.0	.1	10.0		20.6	12.1	8.1	.1		19.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823
STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

50-1

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		11.7	.8	24.3		36.0	12.5	3.7	.6		16.7	930
	03-05	.1	12.5	1.8	25.2		38.4	14.1	3.7	.9		17.8	930
	06-08		11.4	1.8	24.6		37.0	16.8	6.9	.9		23.1	930
	09-11	.1	13.0	1.3	22.9		36.5	17.5	10.8	.9		27.8	930
	12-14	.1	12.5	.3	22.4		34.1	14.7	9.2	1.0		24.3	930
	15-17		13.7	1.0	20.8		34.6	13.5	8.2	1.0		22.3	930
	18-20	.1	13.3	.4	17.5		30.8	10.9	4.0	.3		14.2	930
	21-23		12.5	.3	20.3		32.3	11.4	2.9	.4		14.5	930
TOTALS		.1	12.6	1.0	22.3		35.0	13.8	6.2	.8		20.1	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94823 GTR PITTSBURGH IAP/pITTSBURG PA 69-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.3	7.4	1.6	31.9		39.9	10.4	9.1	3.7	.0	22.7	7440
FEB		.1	7.4	1.3	23.3	.0	31.2	9.4	8.8	1.5		18.7	6768
MAR		.4	10.8	.2	13.7		24.2	8.2	6.9	.8		15.3	7440
APR		.5	12.2	.0	3.5		15.4	6.3	5.0	.0		10.9	7200
MAY		.9	12.8		.0		12.8	11.9	9.8			20.5	7435
JUN		1.5	8.7				8.7	12.0	23.2			33.7	7200
JUL		1.4	7.1				7.1	14.7	32.5			44.1	7440
AUG		.9	6.2				6.2	16.0	35.3			47.8	7440
SEP		.7	8.7				8.7	17.4	21.3			36.1	7200
OCT		.1	10.7		.7		11.5	13.4	10.6			21.2	7440
NOV		.1	11.0	.1	10.0		20.6	12.1	8.1	.1		19.5	7200
DEC		.1	12.6	1.0	22.3		35.0	13.8	6.2	.8		20.1	7440
TOTALS		.6	9.6	.4	8.8	.0	18.4	12.1	14.7	.6	.0	25.9	87643

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XX ATMOSPHERIC PHENOMENA XX

94823 GTR PITTSBURGH IAP/PITTSBURGH-PA 3-7- ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	31.1	8.1	65.9	.1	80.8	41.2	52.4	9.7	.1	71.7	806
FEB		1.1	33.1	6.7	61.4	.1	78.5	40.5	54.2	7.8	.3	69.8	734
MAR		5.3	44.2	1.4	43.3	.9	71.5	41.6	47.8	3.2		63.9	805
APR		11.7	54.9	.3	15.8	.8	60.9	38.3	41.2	.3	.1	58.2	780
MAY		16.0	54.3		1.1	.9	54.6	44.0	49.8		.2	64.9	806
JUN		22.8	49.9			.6	49.9	51.6	67.3		.1	77.8	779
JUL		23.1	49.4			.6	49.4	57.3	74.6			83.0	805
AUG		18.4	43.7			.7	43.8	66.3	79.8			88.1	806
SEP		11.3	43.1			.3	43.1	62.0	70.2		.4	80.6	779
OCT		4.7	42.6	.1	4.7	.1	44.8	48.1	54.7	.2		67.4	806
NOV		1.9	44.7	.5	30.7	.1	63.3	43.8	47.5	.9	.1	65.0	779
DEC		1.4	40.4	5.7	57.1	.2	79.8	45.5	46.0	5.0	.1	66.5	805
TOTALS		9.9	44.3	1.9	23.3	.4	60.0	48.3	57.1	2.3	.1	71.4	9492

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES:**
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
 - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
 - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0600LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (NWS)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAL
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

94823 STATION GFK PITTSBURGH IAP/PITTSBURGH PA 1-77 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	19.4	26.7	7.6	15.6	7.1	11.9	7.6	3.2	.7					54.0	806	2.75	6.25	1.06	
FEB	21.7	27.4	6.2	13.9	9.1	12.1	5.7	2.7	1.1					51.0	724	2.44	5.94	.91	
MAR	26.5	20.0	5.5	12.5	9.3	11.3	6.2	5.1	1.5					51.5	806	3.45	6.10	1.14	
APR	39.2	17.0	4.1	8.2	6.6	10.3	7.7	5.5	1.4					43.8	778	3.26	7.61	.46	
MAY	45.4	15.0	3.6	7.6	5.2	9.7	6.7	4.7	2.3					39.6	806	3.37	6.36	1.21	
JUN	50.1	12.0	3.3	7.1	5.1	7.5	7.7	5.4	1.6					37.9	778	3.28	5.08	.90	
JUL	50.7	14.2	3.1	5.6	3.2	8.1	6.2	6.2	2.4	.2				35.1	804	3.65	7.43	1.82	
AUG	56.3	13.0	2.6	5.6	4.1	7.5	4.7	3.4	2.6	.2				30.7	805	3.27	7.56	.76	
SEP	56.9	12.3	4.4	4.5	3.2	6.5	5.9	4.5	1.8					30.8	779	2.87	5.42	.74	
OCT	55.2	12.0	2.9	7.8	5.2	6.5	6.0	3.3	1.0	.1				32.8	806	2.59	8.20	.16	
NOV	36.8	20.5	3.7	11.7	7.1	10.6	5.9	3.2	.5					42.7	777	2.31	4.70	.90	
DEC	20.2	26.0	8.9	15.8	7.1	10.7	7.5	3.4	.5					53.8	805	2.64	5.24	.40	
ANNUAL	40.0	18.0	4.7	9.7	6.0	9.4	6.5	4.2	1.4	.0				42.0	9484	35.88			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 53-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						1.00	.56	2.57	.65	.46*	.61*	.48	
54	.39	.23	1.40	.75	.78	1.67	.73	1.00	.79	3.56	.14	.71	3.56
55	.27	.82	1.30	.70	1.00	1.79	.81	1.92	.75	.57	1.38	.09	1.93
56	.38	1.26	.93	.73	1.62	.95	1.32	3.06	.45	.79	.33	.62	3.06
57	.48	.25	.63*	1.57	1.34	1.15*	2.71*	.45	1.64	.45*	.98	.73	* 2.71
58	.75	.22	.50	.89	1.16	.49	1.81	1.01	2.09	.40	1.11	.36	2.09
59	.77	.51	.38	1.01	.61	1.26	.95	1.38	1.18	1.29	.72	.68	1.38
60	.93	.52	1.03*	.47	1.30*	.86	.68	1.02	.62	.56	.44	.35	1.36
61	.51	.84	.94	1.05	.69*	.98*	1.20	.94	.85	.58*	1.33	.27	* 1.33
62	.87	1.34	1.06	.60	.54	.58	1.72	.98	1.36	.67	.72	.41	1.72
63	.45	.44	1.75	.67	.50	1.08	.72	.57	.64	.10	1.01	.30	1.75
64	.83	.39	1.82	1.24	.67	.65	1.94	1.13	.20	.61	.96	.96	1.94
65	.93	1.12	.81	.30	.36	.50	.54	1.32	1.18	.84	.71	.12	1.32
66	1.23	1.72	.63	1.02	1.02	.56	1.05	1.44	.52	.47	.87	.57	1.72
67	.42	.54	1.33	1.20	1.19	.47	1.44	1.22*	.93	.57	.86	.48	1.44
68	.62	.17	1.60	1.07	1.33	.98	1.65	2.16	1.41	1.08	.39	.73	2.16
69	.43	.16	.57	.99	.69	.81	1.49	1.40	.30	.84	.60	.92	1.49
70	.67	.54	1.17	1.08	1.29	1.45	1.06	.64	.80	1.61	.53	.75	1.81
71	.99	1.06	.79	.17	1.72	.47	2.96	.38	.79	.49	.47	1.23	2.96
72	.30	1.24	.85	.66	.42	1.15	.66	.47	1.27	.83	.70	.68	1.27
73	.75	.45	1.08	1.35	2.31	1.07	.70	1.48	1.85	1.19	.98	.47	2.31
74	.74	.72	.64	.77	1.84	1.44	1.06	.85	1.62	.52	.89	.92	1.84
75	1.04	2.29	1.09	.54	.30	1.44	1.32	1.50	1.71	1.76	.54	.52	2.29
76	.47	.58	.98	.44	.29	.94	1.27	.53	.85	.98	.41	.57	1.27
77	.27	.17	1.07	1.49	.69	.71	.81	.80	1.00	.89	.70	1.33	1.49
78	1.18	.09	.34	.42	1.09	1.30	.93	.88	1.44	.90	.50	1.51	1.51
79	.79	1.22	.43	.79	.85								
MEAN	.672	.727	.966	.830	.987	1.005	1.177	1.227	1.038	.900	.494	.651	1.946
S. D.	.279	.545	.403	.333	.516	.405	.542	.647	.504	.670	.287	.222	.616
TOTAL OBS.	806	734	806	772	806	778	805	805	779	600	777	805	742

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

94823 STATION GTR PITTSBURGH AP/PITTSBURGH PA 53-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						3.68	2.18	3.00	1.66	.89*	1.33*	1.43	
54	2.34	1.55	4.28	3.11	1.88	3.79	2.43	2.92	1.80	8.20	1.00	2.70	36.00
55	1.34	3.24	3.69	2.61	2.59	3.20	3.61	6.77	1.75	2.79	2.89	.40	34.88
56	1.90	5.98	5.31	4.31	5.90	4.19	4.25	5.07	1.93	1.50	1.03	3.35	44.72
57	1.65	1.35	2.02*	4.58	2.73	4.07*	3.97*	.78	4.06	1.74*	2.50	4.22	*33.67
58	3.17	1.11	1.87	3.42	4.82	2.74	7.43	3.71	4.52	.97	2.47	1.10	37.33
59	3.99	2.15	2.11	3.33	2.56	3.70	4.25	4.04	1.34	5.94	2.43	2.78	38.62
60	3.01	3.16	2.06*	1.37	5.62*	2.72	3.46	3.55	1.84	1.64	1.22	1.64	*31.27
61	1.95	3.13	3.48	5.21	2.80*	4.06*	5.53	2.11	1.98	2.58*	3.41	1.71	*37.95
62	2.33	3.55	3.85	3.03	1.87	1.82	2.44	2.57	4.69	2.11	1.53	1.83	31.62
63	1.96	2.09	5.26	2.39	1.57	2.40	3.45	2.31	1.40	.16	2.54	1.24	26.79
64	2.55	1.73	4.96	7.61	1.77	3.84	4.48	1.79	.74	1.42	2.74	4.26	37.89
65	3.84	2.98	3.16	1.79	1.21	2.31	1.82	3.26	4.07	2.82	2.35	.63	30.24
66	4.52	3.23	1.88	3.73	2.76	1.72	2.79	5.13	1.92	1.38	3.39	1.70	34.06
67	1.06	2.54	6.10	4.41	5.21	.90	4.54	2.67*	1.61	2.05	3.07	2.22	*36.38
68	2.83	.79	4.53	2.33	6.36	2.38	2.36	3.97	3.08	2.12	2.07	3.24	36.06
69	2.02	.51	1.14	2.91	1.89	3.74	4.52	2.96	.91	2.59	2.44	3.95	29.58
70	1.61	1.92	3.35	3.09	4.36	4.61	3.89	1.55	2.77	4.80	2.64	3.29	37.88
71	2.29	4.04	3.20	.48	3.87	1.41	6.82	1.23	3.86	.84	1.94	3.24	33.22
72	1.84	3.64	3.68	4.37	1.38	5.08	2.98	1.79	5.42	2.15	4.70	3.04	40.07
73	2.03	1.80	3.86	4.69	5.87	3.12	2.16	3.40	3.56	4.45	2.65	2.15	39.74
74	3.47	2.10	3.72	3.20	5.35	5.08	3.30	2.93	4.42	1.12	3.06	4.02	41.83
75	3.34	4.64	4.62	2.27	1.84	4.58	4.38	7.56	5.06	3.46	1.77	2.90	46.42
76	3.25	1.74	4.45	1.24	1.99	3.37	4.72	1.25	3.30	3.76	.90	1.81	31.78
77	2.06	.87	4.12	3.26	2.57	2.85	3.38	2.66	3.13	2.44	2.59	3.27	33.20
78	6.25	.54	1.65	2.25	4.26	4.11	2.15	3.65	2.64	3.42	1.62	5.24	37.78
79	4.80	3.12	1.32	3.17	4.49								
MEAN	2.746	2.442	3.450	3.261	3.366	3.279	3.654	3.274	2.874	2.590	2.306	2.637	36.177
S.D.	1.199	1.325	1.346	1.428	1.645	1.141	1.403	1.559	1.366	1.757	.880	1.220	4.920
TOTAL OBS.	806	734	806	778	806	778	804	805	779	806	777	805	9484

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

94823

GTR PITTSBURGH, PA/PITTSBURGH PA

3-79

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01 0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-22.4	23.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	34.0	28.0	16.4	12.9	5.0	1.2	1.2	.5	.5	.2				38.0	805	12.5	40.2	2.2	
FEB	36.6	27.4	14.2	11.9	3.7	1.0	1.1	.7	.7					34.1	734	10.6	24.2	2.2	
MAR	56.4	17.8	12.9	8.0	2.5	.5	.4	1.0	.5	.1				25.8	805	8.5	21.3	.9	
APR	84.4	8.8	3.0	3.3	.1	.4								6.8	777	1.2	5.9	.0	
MAY	98.9	.9			.1	.1								.2	806	.2	3.1	.0	
JUN	100.0														779	.0	.0	.0	
JUL	100.0														806	.0	.0	.0	
AUG	99.9	.1													806	TRACE	TRACE	.0	
SEP	100.0														779	.0	.0	.0	
OCT	95.4	3.7	.5		.4									.9	806	.2	1.8	.0	
NOV	69.3	17.6	6.2	4.4	1.7	.3	.1	.3	.3					13.1	779	4.0	11.0	TRACE	
DEC	42.9	26.2	18.5	8.4	2.5	2.2	.7	.4	.1					30.9	805	8.9	21.2	.7	
ANNUAL	76.6	10.9	5.8	4.1	1.2	.5	.3	.2	.2	.0				12.5	9487	46.1	✕	✕	

1210 WS FORM 0-15-3 (OL-1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 53-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTHS YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						.0	.0	TRACE	.0	.0*	1.9*	1.0	
54	2.8	1.3	5.5	.1	TRACE	.0	.0	.0	.0	TRACE	.7	2.3	5.5
55	1.6	3.2	.9	TRACE	.0	.0	.0	.0	.0	TRACE	4.6	.8	4.6
56	3.8	1.0*	9.7*	2.8	.0	.0	.0	.0	.0	.0	1.5	3.2	* 9.7
57	2.3	2.0	5.4	.8	.0	.0	.0	.0	.0	1.5	.5	2.0	5.4
58	4.5	2.5	2.5	.5	.0	.0	.0	.0	.0	.0	10.4	2.9	10.4
59	3.7	.9	3.8	3.1	.0	.0	.0	.0	.0	TRACE	1.8	4.0	4.0
60	1.4	7.7	12.5*	.6	.0	.0	.0	.0	.0	.1	1.7	3.9	12.5
61	* 6.7	10.1	1.1	1.9	TRACE*	.0	.0	.0	.0	TRACE	1.0	2.1	10.1
62	1.8	2.5	9.7	2.6	.0	.0	.0	.0	.0	1.6	TRACE	3.4	9.7
63	4.2	3.6	1.0	.3	1.8	.0	.0	.0	.0	TRACE	4.0	4.0	4.2
64	11.0	3.6	2.2	.3	.0	.0	.0	.0	.0	TRACE	1.2	2.6	11.0
65	2.0	3.4	5.6	.2	.0	.0	.0	.0	.0	.2	.2	.3	5.6
66	12.0	1.9	3.8	1.9	3.1	.0	.0	.0	.0	.0	2.4	3.0	12.0
67	2.1	4.5	7.4	.5	.0	.0	.0	.0*	.0	TRACE	8.6	4.8	8.6
68	5.3	1.7	6.4	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	5.6	6.4
69	1.5	1.4	1.6	.0	TRACE	.0	.0	.0	.0	.4	5.9	4.2	5.9
70	1.6	4.6	4.5	.1	.0	.0	.0	.0	.0	TRACE	.1	2.5	4.6
71	2.1	7.6	7.6	.2	.0	.0	.0	.0	.0	.0	3.2	.7	7.6
72	2.4	7.0	2.2	.8	.0	.0	.0	.0	.0	1.8	2.4	.9	7.0
73	1.1	1.6	2.6	1.2	TRACE	.0	.0	.0	.0	.0	.3	2.7	2.7
74	2.8	.9	.9	1.1	TRACE	.0	.0	.0	.0	TRACE	1.1	8.5	8.5
75	2.6	4.3	5.4	.5	.0	.0	.0	.0	.0	.0	1.5	.8	5.4
76	6.5	2.3	1.9	.4	.0	.0	.0	.0	.0	TRACE	2.2	2.2	6.5
77	3.2	1.6	.6	.7	TRACE	.0	.0	.0	.0	TRACE	1.7	3.4	3.4
78	10.2	1.0	1.9	.2	.0	.0	.0	.0	.0	.0	1.4	1.6	10.2
79	3.8	4.6	1.1	1.2	.0								
MEAN	3.85	3.34	3.92	.74	.19	.00	.00	TRACE	.00	.22	2.42	2.89	6.70
S.D.	3.022	2.431	3.067	.808	.691	.000	.000	.000	.000	.531	2.571	1.798	2.662
TOTAL OBS.	805	734	805	777	806	779	806	806	779	806	779	805	9487

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

94823 GIR PITTSBURGH IAP/PITTSBURGH PA 53-79

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						.0	.0	TRACE	.0	.0*	3.9*	1.9	
54	6.7	4.7	6.6	.1	TRACE	.0	.0	.0	.0	TRACE	1.0	7.3	26.4
55	6.7	8.3	3.2	TRACE	.0	.0	.0	.0	.0	TRACE	6.5	2.6	27.3
56	7.3	3.2*	14.8*	3.3	.0	.0	.0	.0	.0	.0	3.4	11.2	* 43.2
57	9.3	4.3	7.3	2.2	.0	.0	.0	.0	.0	1.5	1.0	4.9	30.5
58	12.9	7.4	8.7	.6	.0	.0	.0	.0	.0	.0	11.0	8.0	48.6
59	13.7	2.2	7.6	3.1	.0	.0	.0	.0	.0	TRACE	4.3	11.5	42.4
60	2.2	21.8	21.3*	1.1	.0	.0	.0	.0	.0	.1	2.6	20.8	* 69.9
61	* 22.7	22.5	1.4	5.9	TRACE*	.0	.0	.0	.0	TRACE	2.2	5.6	* 60.3
62	4.0	8.6	19.1	3.5	.0	.0	.0	.0	.0	1.8	TRACE	11.9	49.0
63	12.7	20.4	4.5	.3	1.8	.0	.0	.0	.0	TRACE	5.8	16.4	61.9
64	20.3	13.7	6.1	.3	.0	.0	.0	.0	.0	TRACE	1.6	6.1	48.1
65	10.6	10.4	13.3	.2	.0	.0	.0	.0	.0	.2	.2	1.8	36.7
66	24.6	6.9	8.5	2.7	3.1	.0	.0	.0	.0	.0	5.1	7.8	58.7
67	4.5	21.7	20.0	.5	.0	.0	.0	.0*	.0	TRACE	10.1	7.9	* 64.7
68	15.4	6.1	11.0	TRACE	.0	.0	.0	.0	.0	TRACE	2.7	13.3	48.5
69	6.5	4.0	3.9	.0	TRACE	.0	.0	.0	.0	.4	7.9	20.6	43.3
70	12.6	13.0	16.1	.1	.0	.0	.0	.0	.0	TRACE	.1	10.1	52.0
71	12.1	20.6	16.8	.2	.0	.0	.0	.0	.0	.0	10.5	.7	60.9
72	4.9	24.2	9.8	1.8	.0	.0	.0	.0	.0	1.8	6.1	2.9	51.5
73	3.4	6.1	4.6	1.4	TRACE	.0	.0	.0	.0	.0	.8	4.8	21.1
74	4.9	2.2	2.3	1.6	TRACE	.0	.0	.0	.0	TRACE	2.6	21.2	34.8
75	10.1	13.9	9.8	1.1	.0	.0	.0	.0	.0	.0	1.9	3.8	40.6
76	21.8	3.3	4.3	.5	.0	.0	.0	.0	.0	TRACE	6.6	7.9	44.4
77	26.5	6.4	.9	1.3	TRACE	.0	.0	.0	.0	TRACE	3.3	9.1	47.5
78	40.2	5.4	4.0	.2	.0	.0	.0	.0	.0	.0	2.3	3.2	55.3
79	18.2	13.7	2.0	1.4	.0								
MEAN	12.48	10.58	8.52	1.21	.19	.00	.00	TRACE	.00	.22	3.98	8.86	44.26
S. D.	8.875	7.191	6.078	1.445	.691	.000	.000	.000	.000	.553	3.306	5.908	11.428
TOTAL OBS.	805	734	805	777	806	779	806	806	779	806	779	805	9487

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2 GLOBAL CLIMATOLOGY BRANCH
USAF/CIAG
AIR WEATHER SERVICE/AC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

94524 GIB PITTSBURGH IAP/PITTSBURGH PA 2-75
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	25.0	28.3	11.7	7.7	6.5	10.8	5.0	1.5	.2					44.1	805			
FEB	31.3	23.8	11.7	8.0	4.0	11.9	7.4	1.1						44.8	734			
MAR	65.1	19.7	5.8	2.6	2.2	4.2	2.1	.1						17.1	805			
APR	93.2	4.9	1.2	.1										1.2	787			
MAY	99.0	.1	.1											.1	806			
JUN	100.0														779			
JUL	100.0														806			
AUG	100.0														805			
SEP	100.0														779			
OCT	99.4	.5	.1											.1	806			
NOV	84.6	9.4	3.0	1.4	.6	.8	.3							6.0	779			
DEC	43.0	25.1	11.1	5.1	4.2	8.1	1.5	.1						31.1	804			
ANNUAL	78.4	9.3	3.8	2.1	1.5	3.0	1.6	.7	.0					12.2	9488			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

94823 GTR PITTSBURGH (AP/PITTSBURGH) PA 53-79

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						0	0	0	0	0*	2*	1	
54	3	2	5	TRACE	0	0	0	0	0	0	TRACE	2	5
55	* 3	5	TRACE	0	0	0	0	0	0	0	2	1	5
56	4	1*	9	2	0	0	0	0	0	0	1	4	* 9
57	3	2	4	TRACE	0	0	0	0	0	TRACE	1	4	4
58	5	6	4	TRACE	0	0	0	0	0	0	10	8	10
59	5	1	4	0	0	0	0*	0	0	0	3	5	5
60	10	12	13	TRACE	0	0	0	0	0	0	1*	9	13
61	10	16	TRACE	1	0*	0	0	0	0	0	1	2	16
62	2	3	12	1	0	0	0	0	0	TRACE	0	5	12
63	8	6	6	0	1	0	0	0	0	0	3	7	8
64	15	7	2	1	0	0	0	0	0	0	TRACE	3	15
65	4	4	6	TRACE	0	0	0	0	0	TRACE	TRACE	TRACE	6
66	15	14	2	TRACE	TRACE	0	0	0	0	0	4	6	15
67	3	7	11	0	0	0	0	0*	0	0	1	5	11
68	12	2	4	0	0	0	0	0	0	0	2	6	12
69	2	2	2	0	0	0	0	0	0	1	6	6	6
70	5	4	4	TRACE	0	0	0	0	0	0	TRACE	3	5
71	4	10	10	0	0	0	0	0	0	0	6	1	10
72	2	6	4	1	0	0	0	0	0	0	1	3	6
73	2	2	4	1	0	0	0	0	0	0	TRACE	1	4
74	3	1	1	1	0	0	0	0	0	0	1	13	13
75	4	6	4	1	0	0	0	0	0	0	1	1	6
76	8	2	2	TRACE	0	0	0	0	0	0	2	4	8
77	12	10	TRACE	TRACE	0	0	0	0	0	0	2	7	12
78	26	11	5	0	0	0	0	0	0	0	2	2	26
79	8	15	1	TRACE	0								
MEAN	7.0	6.0	4.4	.3	.0	.0	.0	.0	.0	.0	2.0	4.1	9.6
S.D.	5.672	4.600	3.640	.562	.196	.000	.000	.000	.000	.196	2.363	2.924	5.367
TOTAL OBS.	805	734	805	780	806	779	806	805	779	806	779	804	9488

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 64-6 (01A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

C PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VNL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

• Values for means and standard deviations do not include measurements from incomplete months.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

94823 GIR PITTSBURGH, PA/PITTSBURGH PA 53-72

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
53						NW	48W	63W	50SW	62NW	34SW	61SW	50
54	SW	50SE	45W	72SW	57SW	42SW	47SW	45NW	50SW	43W	42W	43SW	49 W 72
55	SW	44W	42SW	78SW	48SW	47SE	39NW	39NE	41W	27SW	67SW	53SW	48 SW 78
56	SW	39SW	68SW	60W	55NW	50S	43W	59NW	48WNW	33W	38W	48WSW	54 SW 68
57	NW	40W	35W	40SW	64W	52W	56WSW	33N	25W	38W	35SSW	62W	39 SW 64
58	SW	46W	42W	26SW	50SW	31SW	33W	70W	52SW	35W	33W	40W	30 W 70
59	W	48NW	41W	56SW	43SW	29NW	30NW	28NW	33NW	28W	38NW	38NW	31 W 56
60	W	43SW	43NW	40SW	43W	32W	32N	49NW	24NE	30S	27W	35N	33 N 49
61	NW	37SW	48NW	35SW	46W	48W	41NW	43NW	27WSW	46W	50W	39W	42 W 50
62	SW	43W	48W	33NW	45W	38NW	32NW	30N	29SW	28W	34NW	36W	41 W 48
63	W	38NW	39W	45NW	45NE	41NW	34W	33NW	77NW	30NW	31NW	35W	38 NW 77
64	W	49SW	33SW	53S	41NW	45NW	62NW	35W	40SW	34NW	47NW	40NW	37 NW 62
65	W	44SW	45SW	46SW	58W	42W	44W	46SW	34NW	29SW	41NW	46W	37 SW 58
66	W	42W	36W	54W	57W	42NW	37W	43NW	44SW	36NW	37SW	45SW	40 W 57
67	SW	54W	65NW	38W	45W	39NW	28NW	38W	30SW	33W	42SW	41SW	38 W 65
68	W	41W	42W	48NW	48W	39NW	45W	34NW	33W	24W	33W	50SW	54 SW 54
69	S	36NW	41SW	43SW	35W	40W	35NW	52NW	35N	22NW	36W	45SW	40 NW 52
70	SW	40W	41W	45W	61NW	50NW	40W	57W	50SW	32W	31W	40W	43 W 61
71	W	56SW	47W	58NW	46S	37NW	35N	36NW	25SE	27W	34W	34W	49 W 58
72	W	49W	45SW	37W	52W	33NW	36SW	36W	30N	36W	28W	35W	41 W 52
73	W	39W	42SW	38W	35W	39SW	33S	38N	26NW	41NW	30W	50W	40 W 50
74	SW	45SW	48NW	46W	50SW	39NW	33NW	30NW	28SW	33SW	35W	36NW	29 W 50
75	SW	57W	39W	43SW	52NW	39W	40NW	34NW	51NW	42NW	30W	43W	32 SW 57
76	W	55W	41W	50NW	46W	37N	33N	40NW	28W	32W	40W	29W	43 W 55
77	W	50W	44W	45W	38N	39N	34SW	35SW	45NW	32SW	28W	35W	41 W 50
78	SW	59NW	27SW	39W	44W	38NW	35NW	33W	36NW	23SW	30W	31W	39 SW 59
79	SW	36W	32SW	43W	50NW	38							
MEAN	45.4	43.0	46.6	48.8	40.7	38.9	41.5	38.2	33.7	37.0	41.9	40.7	59.7
S.D.	6.818	8.614	11.514	7.037	5.585	8.041	10.915	12.403	8.370	8.404	8.347	6.851	8.636
TOTAL OBS.	804	733	806	775	806	774	805	806	779	800	779	804	9471

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OEA)

8 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.6	.9								4.1	7.9
NNE	.1	.5	.5									1.2	6.8
NE	.2	1.4	1.2									2.8	5.8
ENE	.2	1.3	.5	.3								2.4	5.4
E	.1	2.5	.8	.3								3.7	6.1
ESE	.5	1.8	.9	.5								4.0	6.9
SE	.5	1.7	1.0	.4	.1							3.8	6.9
SSE	.2	2.2	1.4	.1								4.0	6.3
S	.5	2.3	1.9	.3		.1						5.2	6.6
SSW	.3	1.2	1.7	1.0								4.2	8.4
SW	.4	1.9	2.4	.9	.6	.1						6.3	9.0
WSW	.8	2.6	4.5	4.3	1.0	.4	.1					13.7	10.5
W	.5	2.7	7.2	8.0	2.3	.2						21.5	11.2
WNW	.3	1.9	2.9	4.7	.9	.1		.1				11.0	10.9
NW	.2	1.6	2.2	1.0	.2							5.2	8.5
NNW		.8	2.3	.4								3.4	8.2
VARBL													
CALM												3.2	
	5.4	27.7	32.9	24.0	5.1	1.0	.1	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

71-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.3	1.1								3.7	5.5
NNE	.1	.6	.4									1.2	5.5
NE		1.5	.9	.1								2.5	6.3
ENE	.2	1.3	1.2	.2								3.0	6.6
E	.5	1.8	.1	.1								2.6	4.9
ESE	.6	1.5	.5	.3								3.4	7.0
SE	.3	2.5	1.8	.3								4.9	6.8
SSE	.2	1.5	1.5	.2								3.9	6.3
S	1.5	1.8	1.8	.6								5.6	5.8
SSW	.6	1.2	1.2	.5	.1	.1						3.8	7.6
SW	.4	1.9	3.1	2.3	.1	.1		.1				8.0	5.9
WSW	.1	1.9	4.1	5.2	.6	.8	.1					12.7	11.6
W	.5	3.3	7.8	6.3	1.7	.2	.3					20.4	10.7
WNW	.1	2.7	3.5	2.5	.8	.4						10.0	10.1
NW	.2	.9	3.0	1.3	.3							5.8	9.2
NNW	.1	.2	2.2	1.1								3.7	9.0
VARBL													
CALM												4.9	
	6.0	25.5	34.5	22.5	3.7	1.4	.4	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94623 GTR PITTSBURGH IAP/PITTSBURGH PA 7-79 JA-
STATION STATION NAME YEARS MONTHS
ALL WEATHER 0600-0600
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0	2.2	.9								4.0	8.2
NNE	.4	.4	.5									1.6	5.7
NE	.2	1.0	1.0	.2								2.4	6.2
ENE	.4	1.1	1.4	.1								3.0	6.4
E	.3	2.5	.6	.2								3.7	5.9
ESE	.6	1.9	.5	.4								3.5	6.1
SE	.3	2.2	1.1	.1								3.7	5.9
SSE	.6	1.8	1.6									4.1	5.8
S	.6	2.3	2.5	.9								6.2	7.2
SSW	.2	1.6	1.6	.4								3.9	7.1
SW	.5	2.6	4.1	2.5								9.8	8.8
WSW	.5	2.5	5.2	6.6	1.0	1.1	.1					15.9	11.5
W	.5	2.7	6.6	6.0	1.6	.4	.1					18.0	10.7
WNW	.3	1.3	2.4	1.6	.4	.2						6.2	9.9
NW	.3	1.2	2.0	1.7	.2							5.5	9.4
NNW		.3	1.4	.9								2.6	9.5
VARBL													
CALM												5.1	
	6.1	26.2	34.8	22.5	3.2	1.8	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 7-79 15
STATION STATION NAME YEAR MONTH
ALL AS THE 0900-1100
CLIM HOUR (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	2.0	.6	.1							4.6	3.2
NNE	.2	.3	.3									.9	5.9
NE	.3	.8	1.1	.2								2.6	6.9
ENE		1.1	1.1									2.2	7.0
E	.2	1.9	1.9	.1								4.2	6.8
ESE	.1	1.3	.8									2.2	6.0
SE	.4	2.4	2.0	.3								5.2	6.5
SSE	.2	1.5	2.2	.2								4.4	6.8
S	.1	2.8	3.3	.8								7.0	7.5
SSW	.2	1.1	1.8	1.5	.1							4.9	8.5
SW	.2	1.3	3.7	3.3	1.3							10.0	11.5
WSW	.2	.6	4.4	7.7	2.2	.6	.1					15.0	12.7
W	.1	1.5	5.6	10.4	1.6	.4	.2	.2				20.2	12.4
WW	.1	.8	2.3	2.8	.3	.5						6.6	11.3
NW	.1	.3	1.8	1.8								4.1	10.2
NNW			1.5	1.2								2.7	10.3
VARL													
CALM												2.7	
	3.2	18.6	36.6	31.7	5.6	1.0	.4	.2	.1			100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 71-79 YEARS JAN MONTH 1200-1400 HOURS (GMT)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	Σ	MEAN WIND SPEED
N		1.2	2.7	.8	.1							4.7	8.5
NNE	.1	.3	.4	.1								1.0	7.3
NE	.2	.4	.9	.2								1.7	7.1
ENE		.3	1.1	.1								1.7	7.2
E	.1	1.5	1.8	.2								3.7	7.1
ESE		1.0	.9	.2								2.0	7.0
SE	.1	1.2	1.1	.2								2.6	7.2
SSE	.3	.8	1.9	1.0								4.0	8.3
S	.1	1.9	3.8	1.4								7.2	8.4
SSW	.1	1.7	2.5	1.3	.2							5.8	9.0
SW		.8	3.9	6.1	.6	.2	.2					11.6	12.3
WSW	.2	1.2	2.3	7.1	2.6	1.1	.1					14.5	13.8
W	.1	.5	3.7	13.2	3.5	1.2	.3					22.6	14.0
WNW		.8	2.3	4.1	1.1	.2						8.7	12.7
NW	.1	.2	1.4	2.8	.1	.2						4.8	11.7
NNW	.1	.3	.2	1.7	.2							2.6	11.8
VARBL													
CALM												.8	
	1.6	14.1	30.6	40.5	8.5	3.2	.6					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 75-79 JAN 1500-1700
STATION STATION NAME YEARS MONTH HOURS (LST)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.0	.4								2.9	8.3
NNE		.1	.8									.9	3.1
NE	.2	1.1	.9	.1								2.3	6.3
ENE		.8	1.4	.2								2.4	7.7
E	.2	1.5	1.2									2.9	5.9
ESE	.1	1.5	1.8	.5								4.0	7.7
SE	.1	1.3	1.5	.8								3.7	7.9
SSE	.1	1.2	1.8	1.0								4.1	7.9
S	.1	2.5	3.2	1.4								7.2	7.8
SSW	.1	1.4	3.0	.5								5.1	8.0
SW	.3	.1	2.5	4.3	.1		.3					7.6	11.7
WSW	.3	1.1	2.3	5.5	1.5	.9						11.5	12.7
W	.1	1.4	4.2	15.4	2.5	.9	.1					24.5	13.0
WNW	.1	.3	2.2	6.0	1.6	.5						10.8	13.2
NW		.2	1.3	2.9	.3	.1						4.8	12.4
NNW		.5	1.9	2.0	.1							4.6	10.3
VARBL													
CALM												.9	
	1.9	15.7	31.5	41.1	6.1	2.4	.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.9	.5								3.4	3.9
NNE	.2	1.0	.3									1.5	5.4
NE	.1	2.0	1.0	.1								3.2	6.3
ENE	.1	1.8	1.1									3.0	6.2
E	.4	1.8	1.1									3.3	5.5
ESE	.1	1.8	1.3	.4								2.7	7.0
SE	.5	2.4	1.6	1.1								5.6	7.2
SSE	.5	2.3	1.2	.5								4.5	6.5
S	.4	2.4	1.6	1.0								5.4	7.2
SSW	.3	2.2	2.7	.9								6.0	7.3
SW	.5	1.7	3.2	1.2	.1	.3						7.1	8.9
WSW	.2	1.5	3.1	3.7	1.1	.3						9.9	11.4
W	.1	3.0	6.6	10.4	1.8	.3	.1					22.6	11.4
WNW		1.6	4.1	3.5	1.5	.3						11.1	11.6
NW		.5	2.2	1.0	.1	.1						3.9	9.8
NNW		.5	2.5	1.5								4.5	9.6
VARBL													
CALM												1.3	
	3.7	27.5	35.4	25.8	4.6	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA YEARS 71-79

ALL WEATHER
CLASS

2100-2200
HOURS (L.M.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	1.9	1.1	.1							4.1	9.1
NNE		.6	.6									1.4	7.3
NE	.1	.6	1.4									2.2	6.6
ENE	.2	1.2	.4	.3								2.3	6.5
E	1.0	2.7	1.2	.2								5.1	5.2
ESE	.8	1.7	1.1	.2								3.8	6.0
SE	.4	2.0	1.8	1.0	.2							5.5	7.7
SSE	.5	1.9	1.0	.3	.1							4.2	6.3
S	.3	4.2	1.3	.6	.1							6.6	6.6
SSW	.2	1.8	1.7	.3								4.1	6.9
SW	.2	1.6	2.4	1.2	.2	.2	.1					5.9	9.7
WSW	.4	2.0	3.8	3.9	3.0	.2	.1					13.2	11.9
W		3.0	9.1	8.4	2.0	.4						23.0	11.0
WNW	.1	1.9	1.9	4.0	1.0	.3						9.2	11.4
NW		1.2	2.6	1.0								4.7	8.5
NNW		.8	2.2	.6	.1							3.7	9.0
VARBL													
CALM												1.2	
	4.8	28.3	34.3	23.1	6.9	1.2	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94828 STATION GTR PITTSBURGH TAP/PITTSBURGH PA 70-79 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 39	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.0	.8	.0							3.9	8.4
NNE	.1	.5	.5	.0								1.2	6.4
NE	.2	1.1	1.0	.1								2.4	6.4
ENE	.2	1.1	1.0	.2								2.5	6.7
E	.4	2.0	1.1	.1								3.6	6.0
ESE	.4	1.6	1.0	.4								3.3	6.7
SE	.3	1.9	1.2	.5	.0							4.4	7.0
SSE	.4	1.7	1.6	.4	.0							4.1	6.8
S	.5	2.2	2.4	.8	.0	.0						4.3	7.8
SSW	.3	1.5	2.0	.8	.1	.0						4.7	7.9
SW	.3	1.5	3.1	2.7	.4	.1	.1	.0	.0			8.3	10.3
WSW	.4	1.7	3.7	3.5	1.6	.7	.1					13.5	12.3
W	.3	2.3	6.3	9.5	2.1	.3	.1	.0				21.5	11.9
WNW	.1	1.4	2.7	3.6	.3	.4		.0				9.2	11.5
NW	.1	.8	2.1	1.7	.2	.1						4.9	9.9
NNW	.0	.4	1.8	1.2	.1							3.5	9.6
VARBL													
CALM												2.6	
	4.1	23.1	33.8	28.8	7.5	1.8	.3	.1	.0			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 7440

Best Available Copy

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 94823 GTR PITTSBURGH IAP/PITTSBURGH PA 70-79 YEAR MONTH FEB
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0000-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	3.4	.7								5.4	7.9
NNE	.4	1.3	1.3	.2								3.2	6.6
NE	.1	2.1	1.4	.1								3.8	6.5
ENE	.4	1.9	2.1	.1								4.5	6.6
E	.2	2.6	1.9	.5								5.2	6.9
ESE	.5	1.8	1.7	.2								4.1	6.3
SE	.5	3.0	1.7	.6								5.4	6.3
SSE	.4	2.2	.5	.1								3.2	5.3
S	.9	2.5	1.8	.1								5.3	5.8
SSW		1.1	.8									1.9	6.6
SW	.2	2.0	2.4	.7	.1							5.4	7.9
WSW	.4	1.8	3.5	2.0	.6							8.3	9.6
W	.2	3.7	6.3	5.2	2.4	.9						18.7	11.2
WNW	.4	1.4	1.5	4.5	.9							8.7	11.4
NW		1.3	2.8	3.0	.7	.4						8.2	11.4
NNW		.8	2.2	1.6	.1							4.6	9.7
VARBL													
CALM												4.0	
	4.7	30.5	35.3	19.3	4.8	1.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 846

Best Available Copy

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

LOCATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	1.4	2.1	.2								5.9	7.6
NNE	.2	1.7	1.1	.5								3.3	6.8
NE	.5	1.3	1.2	.2								3.1	6.6
ENE	.4	1.2	2.1	.5								4.3	7.7
E	.5	2.5	2.4	.1								5.4	6.4
ESE	.1	1.9	1.2	.1								3.4	6.2
SE	.8	2.4	2.4	.9								6.5	7.0
SSE		2.1	.8									3.0	5.6
S	.6	1.5	2.0	.1								4.3	6.4
SSW		.5	1.4	.4								2.2	8.7
SW	.1	1.5	1.9	1.5								5.1	8.7
WSW	.1	2.6	3.9	2.8	.5							9.3	9.6
W	.5	3.8	5.7	5.2	1.4	.4	.1					17.0	10.6
WNW	.4	1.2	2.1	4.4	1.2							9.2	11.5
NW	.5	1.5	2.4	2.7	1.2	.1						8.4	10.6
NNW		1.3	1.2	.8		.1						3.5	8.6
VARBL													
CALM												6.0	
	5.0	27.8	35.0	21.3	4.3	.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

840

Best Available Copy

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

76-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.1	3.0	.5								5.8	7.3
NNE	.5	.4	1.4	.1								2.4	6.8
NE	.5	1.5	.6	.6								3.2	6.9
ENE	.4	1.8	1.4	.2								3.8	6.5
E	.8	3.0	2.5	.1								5.4	6.0
ESE	.6	.6	1.3	.4								2.8	6.5
SE	.1	1.8	1.7	.6								4.1	7.3
SSE	.2	.5	1.5	.6								2.8	8.5
S	.7	3.1	2.2	.1								6.1	5.8
SSW	.1	.5	1.4	.5	.1							2.6	9.0
SW	.4	1.3	3.0	3.0	.4							7.9	9.8
WSW	.5	2.5	4.0	3.5	.7							11.2	9.4
W	.3	2.6	6.0	4.8	.7	.2						14.8	10.1
WNW	.2	1.8	2.6	3.7	.5	.1						8.9	10.5
NW	.4	1.5	1.8	2.4	1.1							7.1	10.9
NNW	.2	.7	2.3	.8	.1							4.3	9.0
VARBL													
CALM												5.8	
	6.1	25.5	36.8	21.9	3.5	.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94623
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

FE
MONTH

ALL WEATHER
CLAY

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	3.1	.7	.1							5.4	8.3
NNE	.4	.5	1.5	.2								2.6	7.0
NE	.2	1.7	.9	.1								3.0	6.3
ENE		.5	1.7	.4								2.5	8.4
E	.4	1.4	2.0	.5								5.2	7.4
ESE	.7	1.4	1.2	.5								3.8	6.8
SE	.5	1.9	1.3	.9	.1	.2						5.4	8.2
SSE	.4	1.1	1.2	.5								3.1	7.3
S	.6	1.3	1.7	2.2	.2							6.0	9.3
SSW		.4	.9	1.6	.1							3.2	11.1
SW	.1	1.3	2.2	4.8	1.1	.1						9.7	11.5
WSW		.9	3.9	6.1	1.4	.8	.1					13.4	12.8
W	.4	1.4	4.3	7.0	.5	.5	.2					14.2	11.8
WNW		.6	3.1	4.6	.5							8.7	11.4
NW	.1		1.7	4.4	1.3	.2						7.7	13.1
NNW		.2	2.2	1.9								4.4	10.5
VARB.													
CALM												1.8	
	4.1	15.6	34.3	36.6	5.3	1.9	.4					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTP PITTSBURGH IAP/PITTSBURGH PA 70-79 YEARS FEB MONTH
ALL WEATHER CLASS 1200-1400 NO. OF (L & V.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.2	.4	.4							5.1	9.0
NNE		.4	.6									.9	6.6
NE		.4	1.5	.1								2.0	8.2
ENE	.1	1.1	1.4	.5								3.1	7.6
E	.1	1.2	1.1	.5								2.8	7.4
ESE	.1	.8	1.8	.6								3.3	8.4
SE	.5	1.2	2.0	.7								4.4	7.8
SSE	.4	.9	1.3	.7								3.3	7.7
S	.4	.8	2.4	1.7	.5							5.7	9.5
SSW		.5	.9	3.2	.1							4.7	11.7
SW		.8	2.4	4.1	1.9	.2						9.5	12.9
WSW	.1	.7	1.8	5.0	2.4	.7	.1					10.8	13.9
W	.1	1.4	3.5	10.9	1.9	1.1	.5					19.4	13.2
WNW	.2	.4	2.1	5.9	.7	.2						9.6	12.4
NW	.2	.8	2.8	3.5	.9	.2						8.6	11.8
NNW	.1	.7	1.4	2.1	.5							4.8	11.1
VALBL													
CALM												2.0	
	2.5	13.1	30.3	39.8	9.2	2.5	.0					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823 GIP PITTSBURGH IAP/PITTSBURGH PA 7-79 1500-1700
STATION STATION NAME YEARS DATE
ALL WINDS
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	2.9	1.3	.1	.1						5.0	3.7
NNE	.1	.2	1.2	.1								1.7	7.9
NE	.1	1.1	1.2	.2								2.6	7.5
ENE		1.1	.8	.4								2.2	7.0
E		2.4	2.5	.1								5.1	5.9
ESE		1.3	1.4	.4								3.1	7.7
SE		1.8	2.6	1.1								5.4	8.2
SSE	.4	.5	1.7	.2								3.2	6.9
S		.9	3.7	1.0								5.9	9.1
SSW	.1	.4	1.2	2.0	.2							3.9	11.2
SW	.2	.7	1.7	4.5	.2							7.3	11.3
WSW		.7	3.0	4.5	.9	.5						9.9	13.0
W	.2	1.1	4.7	11.3	1.6	1.1						20.3	12.9
WNW		.5	2.6	6.0	1.4	.1						10.6	13.0
NW	.1	.7	2.1	4.5	.9	.1						8.5	12.1
NNW		.4	1.8	2.0	.2	.1						4.5	11.4
VARBL													
CALM												.7	
	1.4	14.8	34.3	40.5	5.9	2.3						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 78-79 YEARS MONTHS FEB 1600-2600 HOURS (LST)

ALL ARE THE

CLAM

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	2.7	1.9								5.4	3.4
NNE	.1	1.4	1.1									2.6	6.2
NE		2.7	1.5	.1								4.4	6.3
ENE	.1	1.5	2.1	.2								4.6	7.3
E	.4	2.1	1.3	.4								4.1	6.5
ESE	.4	2.0	2.1	.1								4.6	6.5
SE	.6	1.4	1.1	.9								4.0	7.5
SSE	.1	1.9	.7	.2								3.0	6.4
S	.2	2.4	2.5	.6								5.4	6.8
SSW	.1	2.5	2.5	.7								5.8	7.3
SW	.5	2.1	2.7	1.7	.1							7.1	8.3
WSW	.1	1.3	3.5	2.5	.7	.1						6.6	10.7
W	.2	2.0	3.4	7.9	1.3	.1	.1					15.1	11.5
WNW	.2	2.2	5.2	3.4	1.1							12.2	10.0
NW		.9	3.7	2.1	1.2							7.9	11.0
NNW		.4	2.7	1.0	.1							5.0	10.1
VARB													
CALM												.1	
	3.4	24.1	38.9	24.6	4.5	.6	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823 STATION GTR PITTSBURGH 1AP/PITTSBURGH PA 70-79 YEARS
ALL WEATHER
2100-2200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	4.0	1.8	.4							7.3	9.4
NNE	.1	1.4	1.2									2.7	6.4
NE		2.0	1.3	.5								3.8	7.2
ENE		2.2	1.5	.2								4.0	6.7
E	.9	2.0	1.8	.6								5.8	6.5
ESE	.4	1.5	1.2	.2								3.3	6.7
SE	.5	2.1	1.2	.9								4.7	7.1
SSE	.2	1.8	1.4	.1								3.5	6.3
S	.9	3.8	2.4									7.1	6.0
SSW	.4	2.0	1.1	.4								3.8	6.3
SW	.4	1.9	1.5	1.2	.2							5.2	8.0
WSW	.5	1.9	2.6	2.8	.2	.1						8.2	9.3
W	.2	3.5	3.9	6.6	1.7	.5						16.4	11.1
WNW	.1	2.8	3.0	3.2	1.1							10.2	10.2
NW		1.2	2.1	2.8	1.3							7.4	11.6
NNW	.1	.6	2.5	1.9								5.1	9.4
VARBL													
CALM												1.4	
	4.4	32.9	32.6	23.3	4.8	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 01R PITTSBURGH IAP/PITTSBURGH PA 70-79 YEAR 88
STATION NAME CLASS ALL WEATHER HOURS 12 0 0 0
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	3.1	1.0	.1	.0						5.7	8.6
NNE	.2	.9	1.2	.1								2.4	6.7
NE	.2	1.6	1.2	.3								3.2	6.8
NNE	.2	1.4	1.7	.5								2.6	7.2
E	.4	2.2	2.1	.3								5.0	6.7
ESE	.3	1.4	1.5	.5								3.6	5.9
SE	.4	1.9	1.6	.8	.0							5.0	7.6
SSE	.3	1.4	1.1	.3								3.1	6.7
S	.5	2.0	2.3	.8	.1							5.7	7.4
SSW	.1	1.0	1.3	1.1	.1							3.5	9.3
SW	.2	1.5	2.2	2.7	.5	.0						7.2	10.2
WSW	.2	1.5	3.3	3.7	.9	.0	.0					10.6	11.2
W	.3	2.4	4.7	7.6	1.4	.6	.1					17.0	11.5
WNW	.2	1.4	2.8	4.5	.9	.1						9.8	11.3
NW	.2	1.0	2.4	3.2	1.1	.1						8.0	11.6
NNW	.1	.6	2.1	1.0	.1	.0						4.5	10.0
VARBL													
CALM												2.7	
	3.5	23.5	36.7	26.4	5.3	1.2	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 94823 GTR PITTSBURGH IAP/PITTSBURGH PA STATION NAME 70-79 YEARS 114R NORTH
ALL WEATHER CLASS 0000-0000 HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	4.0	1.2								8.2	7.2
NNE	.2	1.9	1.9									4.1	6.2
NE	.1	2.5	1.4									4.0	5.9
ENE	.2	1.4	1.5	.6								3.8	7.4
E		3.4	2.7	.6								7.7	6.5
ESE	.6	2.3	2.3	1.3								6.5	7.5
SE	.8	2.3	2.4	1.3								6.7	7.3
SSE	1.1	1.4	1.6	.3								4.4	6.3
S	.3	2.0	3.0	.4								5.8	7.1
SSW	.1	.4	.3	.4								1.5	8.4
SW	.1	1.3	.5	1.0	.4							3.3	10.0
WSW	.5	1.1	2.0	1.5	.4							5.6	9.4
W	.8	2.5	3.9	5.3	1.3	.4		.1				14.2	11.0
WNW	.1	1.4	2.7	4.5	.8							9.5	11.2
NW	.1	1.3	1.9	3.0	.4							6.8	10.5
NNW	.2	1.0	2.2	1.1	.3							4.7	9.2
VARBL													
CALM												3.3	
	6.9	28.5	34.5	22.6	3.7	.4		.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822 STATION GTR PITTSBURGH IAF/PITTSBURGH PA 70-79 YEARS MONTH NORTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.5	2.0	1.0								6.9	8.0
NNE	.4	1.5	.9	.1								3.2	5.8
NE	.4	2.0	1.7									4.4	6.0
ENE	.2	1.3	1.5	.4								3.4	7.4
E	1.0	3.3	2.4	.8	.1							7.5	6.8
ESE	.9	2.7	2.6	.9								7.0	6.8
SE	.5	1.7	2.0	1.4								5.7	7.8
SSE	.5	1.2	1.4	.2								3.3	6.4
S	.5	2.7	1.7	.8								5.7	6.8
SSW	.2	.1	1.5	.9	.1							2.8	9.3
SW	.2	.8	1.5	1.6	.2	.1	.1					4.5	10.6
WSW	.5	1.3	2.0	2.0	.3	.3						6.6	9.9
W	.3	2.6	3.7	4.8	.9	.3						12.6	10.7
WNW	.2	1.3	2.4	4.4	.4							8.7	10.7
NW	.1	2.7	1.7	1.8	.4							6.8	9.2
NNW	.3	.8	2.5	1.9	.2							5.7	9.4
VARBL													
CALM												5.2	
	7.2	28.4	32.0	23.7	2.7	.5	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

11A
MONTH

ALL AT-THE
CLASS

0600-0900
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.8	2.7	1.2								6.1	8.7
NNE	.6	1.4	1.2	.3								3.5	5.4
NE	.2	2.2	1.6	.2								4.2	6.3
ENE	.1	1.6	1.9	.3								4.0	7.2
E	.6	3.7	3.1	.6								8.1	6.8
ESE	.4	2.0	1.5	.6								4.6	7.1
SE	.2	2.2	3.0	1.5								6.9	8.0
SSE	.4	2.4	1.0	.4								4.2	6.0
S	.9	2.8	2.0	.6								5.9	6.5
SSW	.4	.8	.3	1.1	.2							2.7	9.3
SW	.1	.9	1.9	1.9								4.8	9.4
WSW	.3	.8	2.7	2.4	.2	.1						6.9	9.8
W	.2	2.0	5.4	3.5	1.3	.3						14.7	11.1
WNW		1.2	2.5	3.3	.2							7.6	10.9
NW	.2	1.1	1.6	2.6	.2	.1						5.8	10.2
NNW	.1	.6	2.7	1.4								4.8	9.3
VARBL													
CALM												4.1	
	5.5	27.3	35.7	24.7	2.2	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94822 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 73-79 YEARS MAR MONTH
ALL AT THE CLASS 0900-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	2.3	3.0								7.0	9.1
NNE		1.1	1.0	.2								2.4	7.8
NE	.3	.5	1.3	.5								2.7	7.3
ENE	.4	1.0	1.7	.6								3.9	7.8
E	.2	2.5	4.1	.3	.1							7.2	7.4
ESE	.1	1.6	2.8									4.5	7.2
SE	.3	1.8	2.2	2.5	.3							7.1	9.3
SSE	.2	1.5	2.3	1.6	.2							5.8	9.1
S	.3	1.5	1.9	2.0	.2							6.0	9.4
SSW	.2	.5	.8	.4	.3							3.2	10.9
SW	.3	.5	2.5	2.9	.9	.1						7.2	11.5
WSW	.1	.4	2.0	4.9	1.0	.2						8.7	12.6
W	.2	1.1	2.7	8.1	2.3	.3						14.6	12.9
WNW	.1	.8	1.9	4.5	.8	.2						8.3	12.6
NW		.6	2.7	3.2	.9							7.4	12.1
NNW		.6	1.1	1.8								3.5	10.2
VARBL													
CALM												.4	
	3.2	17.5	33.1	38.0	6.9	.9						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH, PA 70-79 NORTH

ALL WE, THE

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.6	2.6								5.1	10.1
NNE	.2	.6	.8	.4								2.0	7.5
NE	.3	.8	1.4	.5								2.8	8.0
ENE		1.1	1.1	.4								2.6	8.0
E	.4	1.2	3.1	.3								5.1	7.5
ESE	.1	.9	2.5	1.2								4.6	8.7
SE	.1	.8	2.9	2.4	.2							6.2	10.1
SSE		.6	1.9	1.1	.2							3.9	10.3
S	.2	.5	2.6	1.6	.4							5.4	10.3
SSW		.6	1.2	1.1	.4							3.3	10.5
SW	.2	1.0	1.6	4.2	1.6	.2						8.8	12.7
WSW		.5	1.7	6.1	3.7	1.6						11.1	14.2
W	.2	.2	3.3	7.8	4.0	.5						16.1	13.9
WNW		.6	1.7	5.2	2.5	.5	.1					10.6	14.2
NW		.6	1.3	4.1	.6	.2						6.9	12.7
NNW		.5	2.0	2.4	.1							5.1	10.7
VARBL													
CALM												.4	
	1.5	11.3	30.6	41.4	11.8	2.5	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94821 GTR PITTSBURGH IAP/PITTSBURGH PA 70-79 YEAR MONTH 1500-1700
STATION NAME CLASS MONTHS 1-12

ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.9	3.1	2.6	.2							6.9	10.9
NNE		.3	1.2	.9	.1							2.5	9.8
NE	.1	.8	1.3	.1								2.3	7.5
ENE	.4	.6	1.7	.1								2.9	7.0
E	.1	.5	2.2	1.6								3.3	8.6
ESE		1.1	1.6	1.1								3.8	8.9
SE	.3	1.0	1.8	1.5	.1							4.7	9.1
SSE	.1	.2	1.7	1.5	.2							3.8	10.4
S		1.3	1.6	1.6	.3							5.1	10.1
SSW		.2	1.3	2.7	.6							4.8	12.7
SW		.5	2.3	2.9	.9	.1						6.7	12.0
WSW	.1	.5	1.7	4.5	1.0	.2						6.6	13.2
W		1.1	2.7	7.4	3.8	1.0	.3					15.2	14.4
WNW	.2	.5	1.1	9.2	2.6	.6	.1					11.5	14.5
NW	.1	.9	2.6	5.1	1.4	.3						10.3	12.5
NNW	.1	.5	2.6	2.5	.3							6.0	10.5
VARBL													
CALM												.2	
	1.7	11.1	30.4	41.8	11.4	2.3	.4					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE SERVICE
USAFETAC
AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 94843 GTR PITTSBURGH IAP/ PITTSBURGH, PA 73-79 YEAR NORTH 1800-2000 HOURS (LST)

ALL OTHER

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.4	4.7	3.1	.2							9.5	9.6
NNE		.9	2.2	.4								3.4	7.8
NE		2.3	1.6	.2								4.1	6.8
ENE	.1	1.4	.8	.2								2.5	6.5
E	.6	2.6	1.7	.9								5.8	6.5
ESE	.3	1.2	1.7	1.3								4.8	8.0
SE	.4	1.9	1.8	1.7	.3	.1						6.3	8.9
SSE		1.1	1.5	.4								3.3	8.0
S		2.3	2.4	.6								5.4	7.4
SSW	.1	1.2	1.5	1.1								3.9	8.7
SW	.5	1.5	2.3	1.1	.2							5.6	8.2
WSW	.2	.6	2.5	1.3	.2	.4						5.3	10.3
W	.1	2.2	4.3	6.2	1.4	.9						15.1	11.9
WNW	.2	.5	2.4	4.9	1.8	.1						10.0	12.5
NW	.2	.2	2.6	3.3	1.0	.2						7.5	12.2
NNW		.8	4.1	2.5								7.3	9.5
VARBL													
CALM												.2	
	3.0	22.3	38.3	29.4	5.2	1.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94622 STATION 61R PITTSBURGH IAP/PITTSBURGH PA 70-79 YEARS MAX NORTH
ALL REF THCL CLASS 2100-2300 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	5.2	2.1	.2							10.2	9.3
NNE	.2	1.4	2.4	.4								4.4	7.2
NE	.2	2.8	1.0	.2								4.2	5.8
ENE	.2	2.2	1.9	.2								4.5	7.0
E	.5	2.6	2.0	.6								5.8	6.9
ESE	.1	2.3	1.7	1.3								5.4	7.7
SE	.6	2.0	3.3	1.4	.2							7.6	7.9
SSE	.4	1.3	1.2	1.0								3.9	7.9
S	.6	3.2	2.8	1.0								7.6	6.9
SSW	.1	.3	1.0	.0								2.0	8.7
SW	.1	1.7	1.5	.5	.1							4.0	7.9
WSW	.1	1.0	2.0	1.9	.5							5.6	10.5
W	.2	1.6	4.3	3.5	1.1	.3						11.1	10.8
WNW	.4	1.5	3.1	3.4	1.0	.2						9.7	10.7
NW	.2	.5	2.7	3.1	1.0							7.5	11.5
NNW		.2	2.7	1.4								4.3	9.6
VARBL													
CALM												2.2	
	4.2	26.6	38.8	23.5	4.2	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 STATION NAME GTF PITTSBURGH IAP/PITTSBURGH PA YEARS 7.-79 MAX MONTH NORTH ALL MONTHS (L.S.T.)

ALL WEATHER

COND TION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.6	3.2	2.2	.1							7.5	3.0
NNE	.3	1.1	1.4	.4	.0							3.2	7.2
NE	.2	1.7	1.4	.1								3.6	6.5
ENE	.2	1.2	1.5	.4								3.4	7.3
E	.6	2.5	2.7	.6	.0							6.4	7.0
ESE	.3	1.8	2.1	1.0								5.1	7.9
SE	.4	1.7	2.4	1.7	.1							6.4	8.5
SSE	.3	1.2	1.6	.8	.1							4.1	5.1
S	.4	2.0	2.3	1.1	.1							5.0	7.9
SSW	.1	.5	1.0	1.1	.2							3.6	10.2
SW	.2	1.0	1.8	2.0	.5	.1	.0					5.6	10.7
WSW	.2	.8	2.1	3.1	.7	.3						7.3	11.6
W	.2	1.7	3.8	6.1	2.0	.5	.0	.0				14.3	12.2
WNW	.2	1.0	2.2	4.6	1.2	.2	.0					9.5	12.3
NW	.1	1.0	2.1	3.3	.7	.1						7.3	11.5
NNW	.1	.6	2.5	1.9	.1							5.7	9.6
VARBL													
CALM												2.0	
	4.2	21.6	34.2	30.0	6.0	1.3	.1	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 7-79 YEARS AP3 MONTHS

ALL WE THP.
CLASS

0000-2300
HOURS (L.T.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.1	5.6	1.1								9.1	7.7
NNE	.4	2.7	1.2	.3								4.7	6.2
NE	.3	2.7	1.2	.2								4.4	5.8
ENE	.7	1.0	1.4	.7								3.2	7.1
E	.5	2.3	.9	.3								4.3	5.9
ESE	.2	1.9	1.6	.5								4.2	7.8
SE	.7	1.8	1.0	.8								4.6	7.0
SSE	.3	2.7	.8	.6								4.8	5.9
S	.9	2.6	.9	.2								3.4	5.5
SSW	.7	.3	.9	.1	.2							2.8	5.9
SW	.3	.9	1.2	1.3	.1	.2						3.1	9.7
WSW	.5	1.7	2.8	1.5	.2	.2	.1					6.9	9.9
W	.8	3.1	4.4	2.2	.2							10.2	8.1
WNW	.4	2.1	2.7	2.0	.1	.2						8.0	8.8
NW	1.1	2.1	2.7	2.3	.1	.2						8.6	8.5
NNW	.3	1.3	3.6	1.1	.1							5.9	8.5
VARBL													
CALM												8.4	
	9.0	31.7	32.8	15.7	1.1	.7	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 70-79 YEARS 49 NORTH

ALL WEATHER
CLASS

0300-2400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.2	5.3	.1								5.7	7.5
NNE	.4	1.2	1.2									2.9	6.0
NE	.8	2.0	1.6	.2								4.7	6.4
ENE	.3	1.0	1.4	1.2								4.1	6.3
E	.7	2.1	1.5	.1								4.2	5.9
ESE	.5	1.1	.6	.6								2.7	6.3
SE	.9	2.4	1.1	.0								5.0	6.4
SSE	.8	2.2	1.2	.4								4.7	6.2
S	.4	2.2	1.6	.4								4.9	6.3
SSW	.2	1.0	.6	.3	.1							2.4	7.4
SW	.6	.6	2.3	1.1								4.6	8.2
WSW	1.0	1.4	2.2	1.5	.2	.1						6.6	9.9
W	.8	3.6	4.0	2.1	.4	.1	.1					11.9	8.4
WNW	.5	3.4	2.9	1.4	.6							8.9	8.3
NW	.9	2.6	2.2	2.4	.3							8.4	8.6
NNW	.1	1.6	2.7	.9								5.2	7.7
ARM													
CALM												10.2	
	2.2	30.9	33.2	14.4	1.7	.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 94822 GIR PITTSBURGH IAP/PITTSBURGH PA 71-79 YEARS APR
STATION NAME ALL WEATHER 5600-0800
CLAS MOVG (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.3	3.8	1.7								7.9	8.2
NNE	.2	1.6	.7	.2								2.3	4.0
NE	.4	1.3	1.1	.3								3.3	6.2
ENE	.1	.3	2.4	.9								3.8	5.8
E	.7	1.9	2.7	.7								5.9	7.1
ESE	.3	1.9	.9	.4								3.6	6.2
SE	1.6	2.6	1.4	.3								5.9	5.8
SSE	.3	2.2	1.3	.1								4.0	5.9
S	1.0	3.1	2.2	.4								6.8	6.3
SSW	.1	1.4	1.3	.6								3.4	7.4
SW	.4	1.2	1.9	2.1	.3							6.0	9.5
WSW	.4	1.6	2.3	2.0	.6	.1						6.9	9.7
W	.2	2.1	4.1	3.6	.9	.2	.1	.1				11.3	14.9
WNW	.2	2.4	3.6	1.9	.4							8.6	8.8
NW	.1	2.4	2.0	2.7	.3							7.6	9.5
NNW	.1	.9	2.2	1.3								4.6	8.5
VARC													
CALM												7.8	
	6.6	29.2	34.0	19.3	2.6	.3	.1	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822 GTR PITTSBURGH (AP/PITTSBURGH) PA 7-79 APP
STATION STATION NAME YEARS DATA
ALL REF. THE 0900-1100
CLIM MONTH (LST)

SPEED (KTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.6	4.4	2.0								8.0	5.9
NNE	.1	.6	1.0	.9								2.2	8.0
NE		1.3	1.4	.6								3.6	8.0
ENE	.2	1.2	1.7	1.0								4.1	8.5
E	.1	1.0	2.7	1.2	.1							5.1	8.9
ESE	.3	1.1	1.6	1.6								4.7	8.0
SE	.4	1.6	.7	.6								3.2	6.4
SSE	.5	.7	1.9	.2								3.3	7.1
S	.3	2.1	2.5	2.3	.1							7.4	8.7
SSW		.6	1.1	1.2	.3							3.3	11.2
SW		1.2	1.9	3.2	.7							7.1	11.4
WSW		.8	1.4	4.0	1.1	.3						8.4	13.0
W	.1	.7	3.0	7.3	1.9	.7	.1					11.8	13.3
WNW		.9	3.0	4.0	1.1	.2						11.0	11.8
NW		.3	1.8	4.7	1.2							3.0	12.7
NNW	.3	.9	2.0	3.0								6.2	9.5
VARBL													
CALM												.6	
	2.9	16.4	32.3	39.3	6.6	1.2	.1					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GIP PITTSBURGH IAP/PITTSBURGH PA 76-79 YEARS
All MONTHS CLASS 1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.4	3.8	3.1	.3							9.1	9.5
NNE	.2	.6	.4	.1								1.2	6.5
NE	.1	.7	1.2	1.1								2.9	9.5
ENE	.2	.3	1.3	.4								2.3	8.2
E		.7	2.3	1.4								4.0	8.9
ESE	.2	.8	1.1	1.2								3.3	8.8
SE		1.0	1.2	.8	.3							3.3	9.7
SSE		.3	1.6	.2								2.1	7.9
S		.9	3.3	1.3								5.6	7.9
SSW		.6	.7	3.1	.4	.1						4.0	12.4
SW	.1	1.0	1.7	2.9	1.4	.1						7.2	12.1
WSW	.1	.6	1.0	4.0	2.3	1.6						10.0	15.0
W		.7	2.1	6.9	2.1	1.6	.3					13.7	14.8
WNW	.2	.3	1.3	5.4	1.6	.7	.1					7.7	13.9
NW	.1	.8	3.0	8.3	1.9	.2						14.3	12.9
NNW		1.0	1.8	3.4	.1							6.3	10.7
VARS													
CALM													
	1.6	11.4	26.2	43.4	10.6	4.1	.4					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

AP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	3.1	3.8	.1							7.8	10.3
NNE		.1	.6	.2								1.1	9.1
NE	.1	.9	.9	.9								2.8	8.3
ENE		.7	1.4	.3	.2							2.7	8.7
E		.8	1.2	.9								2.9	9.0
ESE	.6	.7	.6	1.3								3.3	8.6
SE		1.0	1.2	1.3	.2	.1						3.9	10.2
SSE	.1	1.0	1.1	.3								2.6	7.3
S	.2	.9	2.1	1.0								4.2	8.2
SSW	.3	.3	1.1	1.2	.2							3.2	9.6
SW	.1	.8	1.9	3.9	.4	.3						7.4	11.8
WSW	.1	.4	1.6	4.6	1.4	.3	.1					8.6	13.6
W	.2	.2	2.1	7.3	2.9	2.0	.2					15.0	15.2
WNW		.4	3.1	6.1	2.2	.4						12.3	13.5
NW		.8	2.2	8.3	1.4	.4	.1					13.3	13.3
NNW		.1	2.8	5.0	.7							8.6	12.0
VARBL													
CALM												.3	
	1.9	9.8	27.4	46.6	9.9	3.7	.4					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/11AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 70-79 YEARS 4P8 MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	6.2	4.3								10.3	9.7
NNE		.7	1.1									1.8	7.2
NE	.2	1.2	.6	.6								2.6	7.5
ENE		1.3	1.0	.6								2.8	7.6
E	.3	1.7	1.9	.8								4.7	7.4
ESE	.2	.8	1.0	1.0	.1							3.1	9.3
SE	.3	1.8	1.1	.7	.2							4.1	7.5
SSE	.1	1.2	1.1	.1								2.6	6.6
S	.1	2.9	1.8	.7								5.4	6.9
SSW	.1	1.8	.7	.4	.1							3.1	6.9
SW	.2	2.1	1.9	1.3	.3	.1						6.0	8.9
WSW	.3	2.1	2.2	2.8	.6	.1						8.1	10.1
W		1.4	4.3	5.1	.9	.3						12.1	11.5
WNW		1.3	3.8	4.1	1.2	.2						10.7	11.4
NW		.7	4.9	4.9	1.3	.3						12.1	12.1
NNW		.7	5.2	3.8	.3							10.5	10.7
VARBL													
CALM												.6	
	2.0	22.4	38.8	30.0	5.1	1.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 7-79 APR
STATION STATION NAME YEAR MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	11.0	2.0	.1							16.0	8.7
NNE	.4	1.4	2.0	.3								4.2	6.9
NE	.1	2.0	.7	.4								3.2	6.3
ENE	.3	1.1	1.1	.3								2.9	6.9
E	.9	1.6	.8	.2								3.4	5.9
ESE	.4	.9	1.7	1.0	.1							4.1	8.5
SE	.6	2.1	1.6	.9	.1							5.1	7.4
SSE	1.0	1.7	1.2	.6								4.4	6.1
S	.7	3.0	1.2	.6								5.4	6.4
SSW	.3	1.3	.1	.9	.2							2.9	8.1
SW	.3	1.9	1.2	.9	.1							4.4	7.9
WSW	.2	2.3	2.6	1.4	.2	.1						7.1	8.3
W	.3	3.4	4.0	3.0	.6	.2						11.6	9.2
WNW	.6	2.6	2.4	2.2	.3	.2						8.3	8.9
NW	.2	1.2	2.9	1.6	.6	.1						6.6	10.1
NNW	.1	.9	3.9	2.4	.1							7.4	9.7
VARBL													
CALM												2.8	
	6.7	29.7	38.6	19.2	2.4	.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 AIR PITTSBURGH IAP/PITTSBURGH PA YEARS 70-79 MONTH APR

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	5.4	2.4	.1							9.7	8.8
NNE	.2	1.1	1.1	.2								2.6	6.8
NE	.3	1.5	1.1	.6								3.4	7.1
ENE	.2	.9	1.5	.7	.0							3.3	8.0
E	.4	1.5	1.7	.7	.0							4.3	7.4
ESE	.3	1.1	1.2	.9	.0							3.6	8.0
SE	.6	1.8	1.2	.7	.1	.0						4.4	7.4
SSE	.5	1.5	1.3	.3								3.6	6.4
S	.5	2.2	2.0	.9	.0							5.5	7.3
SSW	.2	1.0	.8	1.0	.2	.0						3.3	9.1
SW	.3	1.2	1.7	2.1	.4	.1						5.9	10.2
WSW	.3	1.3	2.1	2.9	.8	.3	.0					7.8	11.4
W	.2	1.9	3.6	4.7	1.2	.6	.1	.0				12.5	11.7
WNW	.3	1.7	2.8	3.5	.9	.2	.0					9.6	10.9
NW	.3	1.4	2.7	4.4	.9	.2	.0					9.9	11.3
NNW	.1	.9	2.9	2.0	.2							6.8	10.0
YARBL													
CALM												3.8	
	5.1	22.7	33.2	23.6	5.0	1.5	.2	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 94823 GTR PITTSBURGH IAP/PITTSBURGH PA 70-70 YEARS NORTH
ALL WEATHER CLASS 0000-2200 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.2	4.0	1.1								9.1	6.9
NNE	.8	2.6	1.5									4.8	5.3
NE	1.0	2.5	1.0	.1								4.5	5.4
ENE	.9	1.4	.5	.1								2.9	5.1
E	1.2	3.8	.9	.1								5.9	5.1
ESE	.1	1.4	2.2	.2								3.9	7.2
SE	1.3	3.3	2.4	.1								7.1	5.9
SSE	.5	2.5	.4	.1								3.5	5.3
S	.8	2.9	2.0	.3	.1							6.1	6.3
SSW	.5	1.8	1.4									3.8	5.8
SW	.5	2.0	3.1	.6								6.3	7.2
WSW	.6	2.4	1.8	.3								5.2	6.3
W	1.7	3.9	3.2	1.1								9.9	6.4
WNW	1.3	3.1	1.6	.6		.1						6.8	6.4
NW	1.1	3.7	1.7	.8								7.2	6.2
NNW	.4	.9	1.5	.4								3.2	7.4
VARBL													
CALM												9.7	
	13.5	41.3	29.2	6.0	.1	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94623
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

7-79
YEAR

12Y
MONTH

ALL OF THE
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.5	2.7	.2								7.8	6.0
NNE	.2	2.3	1.0									3.5	5.5
NE	.4	2.8	1.1									4.3	5.4
ENE	.1	1.2	1.0									2.3	6.1
E	1.3	4.6	.8									6.7	4.7
ESE	.9	2.2	1.5	.3								4.8	6.0
SE	1.1	2.3	1.9	.2								6.1	5.8
SSE	.8	2.2	1.1									4.0	5.2
S	1.1	3.0	2.6	.2								6.9	6.0
SSW	.4	1.6	1.4	.1								3.5	6.1
SW	.1	1.4	3.3	.4								5.3	7.7
WSW	.3	2.4	1.9	1.2								5.8	7.5
W	1.4	5.2	2.2	1.1								9.8	6.4
WNW	1.2	3.1	2.2	.4								6.9	6.1
NW	1.3	1.6	2.9	.3								6.1	6.6
NNW	.6	1.0	1.4	.4								3.4	7.3
VARBL													
CALM												12.7	
	12.6	40.9	28.8	5.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GIB PITTSBURGH JAP/PITTSBURGH PA 71-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.2	4.0	.6								7.0	7.4
NNE	.1	.9	1.1									2.0	6.2
NE	.4	2.6	1.3									4.3	5.8
ENE	.1	2.3	1.6	.1								4.3	6.8
E	1.4	3.5	2.3	.1								7.3	5.3
ESE	1.0	1.3	1.4	.2								4.4	5.2
SE	1.2	4.1	3.0	.2								8.6	7.0
SSE	1.0	2.6	1.7									5.3	5.6
S	1.2	3.2	3.3	.3								8.1	6.3
SSW	.9	1.1	2.5	.6								4.8	7.3
SW	.2	1.7	2.5	1.3								5.7	8.3
WSW	.9	1.6	2.8	2.2								8.4	8.3
W	.4	2.7	3.5	1.9	.1							8.7	8.2
WNW	.2	2.4	2.4	.5								5.5	7.3
NW	.5	1.4	1.9	1.3								5.2	7.7
NNW	.2	1.2	1.9	1.0	.1							4.4	8.4
VARBL													
CALM												6.0	
	10.0	35.2	38.2	10.4	.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GIB PITTSBURGH IAP/PITTSBURGH PA 70-79 MAY 0900-1100
STATION STATION NAME YEARS MONTH HOURS (LST)

ALL OF THEM
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.5	3.0	1.5	.1							6.6	8.8
NNE	.3	1.0	.9	.2								2.4	6.9
NE	.1	1.5	1.7	.3								3.7	7.3
ENE	.2	1.4	1.6	.3								3.3	6.8
E	.3	1.5	2.6	.6								5.2	7.3
ESE	.2	1.3	2.4	.2								4.1	7.1
SE	.2	2.2	1.2	1.6								5.2	7.9
SSE	.2	1.8	1.6	1.6								4.6	7.8
S	.2	2.2	4.2	.5								7.1	7.5
SSW	.4	1.0	2.4	1.6	.1							5.5	8.3
SW	.1	1.7	3.9	4.7	.2	.1						10.8	10.4
WSW	.2	1.5	3.7	4.7	.4							10.5	10.6
W	.2	1.2	2.6	6.0	.6							10.6	11.0
WNW		1.0	3.1	2.5	.2							7.1	10.3
NW		.6	3.0	3.3	.4							7.4	10.9
NNW		1.0	2.2	2.0								5.2	9.6
VARBL													
CALM												.4	
	2.9	22.3	40.1	32.9	2.2	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 75-79 YEAR
MONTH MAY
1200-1400 HOURS U.S.T.
ALL WEATHER CLASS
CON. 100

SPEED (KTS) Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.9	4.1	.1							9.2	5.9
NNE	.1	1.0	.8	.1								1.9	4.7
NE	.6	.5	.8	.0								2.2	6.2
ENE	.3	.9	1.3									3.0	7.3
E	.3	1.6	1.3									3.9	7.1
ESE		1.2	1.2	.8								3.1	6.0
SE		1.3	1.5	2.2	.1							5.1	9.3
SSE	.1	.9	1.7	.5								3.6	8.2
S	.3	1.8	3.2	1.1	.1							7.2	8.4
SSW	.1	.6	1.4	2.3	.2							4.6	10.4
SW		1.0	2.7	4.8	1.5							7.5	11.8
WSW	.2	1.6	3.3	4.9	1.3	.1						11.5	11.2
W	.1	1.1	2.9	6.6	1.0	.5						11.9	11.8
WNW		.8	2.6	4.3	.5							8.2	11.3
NW		1.0	2.2	4.1	.9	.2						9.4	11.2
NNW	.2	.8	2.0	2.7	.1							5.0	10.0
VARL													
CALM													
	2.5	17.3	34.2	40.1	5.3	.0						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GIR PITTSBURGH IAP/PITTSBURGH SA STATION NAME 7-79 YEARS 1569-1700 DAY MONTH
ALL OF THE CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.5	3.4	2.3	.2							6.7	8.8
NNE	.1	.6	1.2	.2								2.3	7.3
NE	.1	1.4	1.3	.2								3.0	6.6
ENE	.1	1.1	1.4									2.6	6.6
E	.3	1.5	1.6	.6								4.1	7.8
ESE	.1	.4	.9	.9								2.3	9.4
SE	.2	1.9	1.8	1.1								5.1	7.6
SSE	.2	.6	1.0	1.0								2.3	9.0
S	.2	2.5	3.7	2.0	.1							8.5	5.3
SSW	.2	1.0	1.8	1.2	.1							4.4	9.0
SW	.2	1.3	3.9	3.5	.3							9.5	10.3
WSW	.2	.5	3.8	3.4	.6							8.6	10.9
W	.1	1.3	2.9	4.0	1.1	.2	.1					10.3	11.8
WNW	.2	.9	2.5	5.1	1.1		.1					9.8	11.5
NW		1.1	3.3	5.1	1.0	.2						10.6	11.8
NNW		.3	2.6	4.1	.4							7.4	11.4
VARBL													
CALM												.1	
	2.5	18.9	37.1	35.5	4.9	.6	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94623
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

71-79
YEARS

424
MONTH

ALL KE-THE
CLASS

1800-2000
HOURS LST

CONDICTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	M. IN WIND SPEED
N	.1	2.3	7.3	2.2	.3							12.9	9.1
NNE		2.3	.6	.1								3.1	6.0
NE	.4	2.7	1.0									4.1	5.4
ENE	.4	.5	1.4	.1								2.5	6.0
E	.4	2.4	1.1	.3								4.2	5.1
ESE	.4	1.1	1.0	.9								4.0	7.7
SE	.2	2.5	2.5	.9								5.8	7.4
SSE	.3	1.6	1.9	.5								4.3	6.7
S	.4	4.5	2.2	.6								7.5	6.2
SSW	.2	2.4	2.2	.0	.1							5.5	7.2
SW	.5	2.6	3.6	1.2								7.9	7.3
WSW	.1	1.8	3.4	2.0	.1	.1						7.7	9.2
W	.3	2.9	3.8	2.0	.4							9.5	8.4
WNW		1.7	3.3	1.1	.6							6.8	9.4
NW		1.1	3.7	1.8	.3							6.9	9.8
NNW	.1	.5	3.6	3.0								7.2	10.0
VARL													
CALM												.1	
	4.5	32.9	42.5	18.0	1.9	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94523 GTR PITTSBURGH IAP/PITTSBURGH PA 71-79 42Y

ALL WEATHER

2100-2300

CONDITION

SPEED (KNTS) Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	5.0	5.7	2.6								13.6	7.7
NNE	.4	1.9	1.1	.2								4.0	5.8
NE	.5	2.0	1.1									3.7	5.4
NNE	.4	1.6	.3	.1								2.7	5.0
E	.3	1.6	1.6	.2								3.9	6.9
ESE	1.0	1.9	1.6	.3								4.9	6.2
SE	1.3	3.6	3.1	.4								8.4	6.4
SSE	.9	1.5	.6	.2								3.2	5.7
S	1.6	3.9	1.5	.0								7.9	6.0
SSW	.4	1.9	1.6									4.0	5.9
SW	.6	1.9	2.8	.1								5.5	6.3
WSW	.9	2.8	1.9	1.0								6.6	6.9
W	1.0	3.5	3.2	1.0								8.6	7.0
WNW	.4	2.0	1.6	1.1	.1							5.3	7.7
NW	.5	2.8	2.7	.3								6.4	6.5
NNW	.2	.6	3.2	1.7								5.8	5.5
VARB													
CALM												5.6	
	1.4	38.9	33.9	10.6	.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 7-79 48Y
STATION STATION ALICE YEARS
ALL REF. TIME
CLASS
CONSTRUCTION
40
NO. OF CL. Y.

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.7	4.1	1.9	.1							9.4	5.1
NNE	.3	1.6	1.8	.1								3.8	6.0
NE	.4	2.0	1.1	.2								3.7	6.0
ENE	.3	1.3	1.5	.1								3.0	6.3
E	.7	2.5	1.6	.3								5.1	6.2
ESE	.5	1.4	1.6	.4								3.9	7.0
SE	.7	2.7	2.2	.8	.0							6.4	6.9
SSE	.6	1.7	1.2	.4								3.9	6.6
S	.7	3.0	2.8	.6	.0							7.4	6.9
SSW	.4	1.4	1.8	.8	.1							4.5	7.7
SW	.3	1.7	3.2	2.1	.2	.0						7.5	9.1
WSW	.4	1.8	3.0	2.5	.3	.0						8.0	9.3
W	.7	2.7	3.0	3.0	.4	.1	.0					9.9	9.0
WNW	.4	1.9	2.4	2.0	.3	.0	.0					7.0	9.0
NW	.4	1.7	2.8	2.1	.3	.1						7.4	9.3
NNW	.2	.8	2.3	1.9	.1							5.3	9.5
VARIE													
CALM												4.3	
	7.5	30.9	35.5	19.7	1.8	.2	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 94823 AIR PITTSBURGH IAP/PITTSBURGH PA 4-78
STATION NAME YEARS MONTHS
ALL AT THE
CLAS
CREDIT

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	3.0	3.9	.2								5.9	1.9
NNE	.5	1.4	.8									2.8	5.9
NE	.7	1.3	.3									2.7	5.2
NNE	.4	.7	1.0	.1								2.2	6.4
E	.9	1.3	.7									2.9	4.5
ESE	.9	.9	.3									2.1	4.8
SE	2.3	3.7	2.2									8.2	5.9
SSE	1.3	3.2	1.1	.1								5.8	4.9
S	1.7	5.3	2.6									9.6	5.2
SSW	.6	1.6	1.1	.1								3.3	5.7
SW	.6	3.7	4.4	1.3								10.0	7.4
WSW	1.0	4.2	2.1	1.1								8.4	6.4
W	.8	4.0	1.7	.8								7.2	6.3
WNW	1.5	2.7	.4									4.7	4.5
NW	1.2	2.2	2.2	.9		.3						6.9	7.6
NNW	.1	.8	1.7	.4								3.0	7.8
VARBL													
CALM												13.3	
	14.7	40.0	26.6	5.1		.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 59-78 YEARS MONTH 0300-0500 HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.9	3.3	.1								7.0	6.4
NNE	.7	1.1	.4									2.2	4.9
NE	.4	1.0	.6	.1								2.4	5.1
ENE	.3	.9	.9									2.1	5.9
E	1.0	1.8	.9									3.7	4.9
ESE	1.3	2.2	.1									3.7	4.2
SE	1.6	2.9	1.1									5.6	4.9
SSE	.9	2.0	.8									4.7	4.8
S	1.2	4.8	2.0	.1								8.1	5.4
SSW	.9	2.3	1.1	.1								4.4	5.5
SW	.8	2.2	4.4	.7								8.8	7.0
WSW	.7	2.8	2.7	1.1								7.2	7.1
W	1.6	4.4	2.7	.6								9.2	6.0
WNW	1.4	3.4	.6	.2		.2						5.9	5.7
NW	1.6	2.8	1.1	.7	.1	.1						6.3	6.4
NNW	.6	1.2	1.9	.2								4.0	6.9
ADRI													
CALM												14.7	
	15.9	40.4	24.6	4.0	.1	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 GIP PITTSBURGH IAP/PITTSBURGH PA 60-78 YEARS NORTH
CLASS ALL-ALL-THRU 0600-0900 HOURS (LST)
COORDINATES

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.1	2.9	.6								6.0	7.4
NNE	.3	1.6	1.2									3.1	5.9
NE		2.2	1.0									3.2	6.0
ENE	.1	1.2	1.1									2.4	6.2
E	1.1	1.7	1.6									4.3	6.7
ESE	.6	2.0	.2	.1								3.1	6.8
SE	1.9	3.2	1.6									6.7	5.0
SSE	1.2	3.2	1.2									5.7	5.2
S	1.9	6.2	3.7	.6								12.2	5.0
SSW	1.1	1.6	2.3	1.0								6.0	7.2
SW	.8	2.7	4.8	1.7								10.0	7.9
WSW	.6	2.9	4.9	2.0								10.2	8.1
W	.4	2.6	2.8	1.7								7.7	8.0
WNW	.6	2.7	1.1	.4	.2	.1						5.1	7.4
NW		1.0	2.1	.3								3.4	7.5
NNW		1.1	1.7	.7								3.4	8.1
VARBL													
CALM												7.2	
	11.0	38.1	34.2	9.1	.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

66-78
YEARS

JUN
MONTH

ALL WINDS
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.5	2.0	2.6	1.3								6.4
NNE	.1	.7	1.2	.4								2.4
NE	.9	.9	1.2									2.6
ENE	.5	1.2	1.3									2.9
E	.1	1.6	1.2	.7								3.4
ESE	.2	1.7	1.2	.2								3.3
SE	.1	1.8	1.2	.2								3.3
SSE	.1	1.4	1.6	.4								3.6
S	.9	3.0	4.9	1.2								10.0
SSW	.2	1.3	4.0	1.7								7.2
SW	.2	2.0	6.1	5.2	.3							13.9
WSW	.2	2.2	5.2	5.3	.3							13.3
W	.2	2.0	5.0	5.3	.2							12.8
WNW		1.0	1.9	1.1	.3							4.3
NW	.1	1.2	1.8	1.3								4.4
NNW	.2	1.3	1.9	1.7	.2							5.3
VARBL												.7
CALM												
	4.1	25.2	42.3	26.2	1.9							100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPE D
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 94P PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS MONTH JULY
ALL OF THE CLASS 1200-1400 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	2.7	1.4	.1							6.6	3.3
NNE	.3	.3	1.2	.2								2.1	7.6
NE	.2	.6	1.7	.2								2.7	7.5
ENE	.2	.9	1.2	.3								2.7	7.2
E		.6	2.2	.1								2.9	7.7
ESE		.9	.3	.1								1.3	6.2
SE	.2	1.2	1.6	.5								3.6	7.7
SSE		.9	1.7	.4								3.0	8.5
S	.1	2.3	3.5	1.9	.2							8.1	8.7
SSW		.4	4.0	2.6	.1							7.1	9.8
SW	.3	1.7	5.7	6.3	.1							14.1	10.1
WSW		1.6	5.2	6.8	.3							13.9	10.7
W	.2	1.8	5.0	6.1	.6	.1						14.0	10.6
WNW		.9	2.2	3.7	.2							7.0	10.6
NW	.1	1.3	2.4	2.4	.1	.1						6.6	10.0
NNW	.1	.7	1.1	2.1	.3							4.3	10.6
VARBL													
CALM												.1	
	2.2	18.0	41.8	35.2	2.3	.2						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94863 STATION 61R PITTSBURGH IAP/PITTSBURGH PA 78-78
STATION NAME YEAR MONTH
ALL OF THE CLASS 1500-1700
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	2.5	2.1	.2							7.0	9.2
NNE		.7	.9	.7								2.2	5.9
NE		.8	1.4	.2	.1							2.6	5.1
ENE		.8	1.4	.2								2.4	7.1
E		.2	1.2	.1								1.6	8.0
ESE	.1	.9	.8	.2								2.0	7.1
SE	.1	1.2	1.3	.6								3.2	7.7
SSE	.2	.8	1.3	.7								3.1	7.9
S	.2	1.9	4.8	1.9	.1							8.9	3.6
SSW		1.6	3.6	2.4								7.6	9.2
SW	.1	2.0	5.0	3.6	.8							12.4	9.8
WSW	.2	.8	5.4	5.3	.2							12.0	10.3
W	.1	1.4	5.0	5.3	.7							12.6	10.5
WNW		.7	2.8	3.2	.1							6.8	10.5
NW		1.0	2.9	3.4	.2							7.9	10.6
NNW	.1	.4	3.0	4.1	.1							7.8	10.9
VARBL													
CALM													
	1.6	15.9	45.7	34.3	2.6							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA YEAR 78 MONTH 12
CLASS all of the MONTHS (L ET) 1800-2000
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.3	5.0	3.1	.1							11.2	3.9
NNE		1.1	1.2									2.3	2.4
NE	.1	1.7	.6	.1								2.7	6.3
ENE		.9	.6	.1								1.6	6.9
E	.3	.8	1.1	.2								2.4	6.5
ESE	.1	1.3	.5	.1								2.4	6.3
SE	.1	3.1	2.2	.4								5.8	6.7
SSE	.2	1.4	.9									2.6	6.0
S	.1	4.6	5.6	.8								11.0	7.0
SSW	.3	4.2	4.1	.7								9.3	7.1
SW	.1	5.0	3.9	1.9								10.9	7.9
WSW	.3	2.6	4.8	2.3								10.0	8.3
W		2.9	3.6	2.0	.1							8.6	8.4
WNW		1.4	3.2	.1	.1							4.9	7.7
NW	.2	1.1	2.7	1.3	.3							6.1	9.9
NNW		1.1	4.4	2.2	.1							7.9	9.1
VARBL												.3	
CALM													
	2.1	35.6	45.4	15.9	.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 59-78
STATION STATION NAME YEARS
ALL WEATHER CLASS 2100-2300 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	4.4	4.9	.9								10.4	7.2
NNE	.4	.9	1.1									2.4	5.8
NE	.4	1.7	.2									2.3	5.1
ENE	.6	1.6	.3	.1								2.6	5.4
E	.6	1.4	.9									2.9	5.5
ESE	.9	1.4	.3									2.7	4.7
SE	.8	4.2	2.2	.1								7.1	5.8
SSE	1.6	3.2	1.8									6.6	5.1
S	1.2	6.7	3.3	.3								11.6	5.9
SSW	1.0	4.7	1.9	.2								7.8	5.5
SW	1.1	4.4	2.1	.3								8.0	6.0
WSW	1.4	3.1	2.2	1.0								7.8	6.5
W	.9	3.3	1.8	.7	.1							6.8	4.5
WNW	1.3	1.9	.9	.1								4.2	5.0
NW	.2	2.7	2.0	1.3	.6							6.8	4.3
NNW		1.1	2.9	1.9								5.4	8.6
VARBL													
CALM												4.7	
	12.4	46.8	26.9	6.6	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 GIP PITTSBURGH IAP/PITTSBURGH TA 1-2-78 YEAR 1978
STATION NAME ALL OF THE CLASS ALL
COORDINATES

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.4	3.7	1.2	.1							7.7	7.6
NNE	.3	1.0	1.0	.2								2.5	6.5
NE	.2	1.3	.9	.1	.0							2.6	6.2
ENE	.2	1.0	1.0	.1								2.4	6.4
E	.5	1.2	1.2	.1								3.0	5.1
ESE	.5	1.4	.5	.1								2.6	5.4
SE	.9	2.7	1.7	.2								5.4	5.9
SSE	.7	2.2	1.3	.2								4.4	5.9
S	.9	4.3	3.5	.8	.0							9.9	6.7
SSW	.5	2.2	2.8	1.1	.0							6.6	7.5
SW	.5	3.0	4.7	2.6	.2							11.0	8.5
WSW	.6	2.5	4.1	3.1	.1							10.4	8.8
W	.5	2.8	3.4	2.9	.2	.0						9.8	8.7
WNW	.6	1.8	1.6	1.1	.1	.0						5.4	7.9
NW	.4	1.7	2.2	1.6	.2	.1						6.1	8.7
NNW	.1	1.0	2.3	1.6	.1							5.2	9.1
VABL													
CALM												5.1	
	8.0	32.5	36.2	17.1	1.0	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

4-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-2200
HOURS (LST)

COND. NO.

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	3.2	1.5	.1								5.4	5.8
NNE	.5	1.6	.4									2.6	4.8
NE	.5	2.3	.9	.1								4.0	5.4
ENE	.3	2.2	.9									3.3	5.4
E	1.1	1.3	.8									3.1	5.0
ESE	1.2	2.0	.4									3.8	4.3
SE	3.2	2.3		.1								5.6	3.8
SSE	2.2	2.2	.4									4.7	4.2
S	2.8	4.9	1.1									8.8	4.7
SSW	1.0	1.7	1.4	.1								4.2	5.7
SW	2.0	1.6	2.8	1.1								7.5	6.9
WSW	1.6	2.7	2.8	.6								7.7	6.4
W	2.3	4.2	2.2	.2	.1							8.9	5.5
WNW	1.9	2.4	.6									4.9	4.5
NW	1.2	2.8	1.9	.2								5.2	5.6
NNW	.2	1.8	2.4									4.4	6.5
VARBL													
CALM												15.8	
	22.9	39.1	19.5	2.6	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94825 STATION 01R PITTSBURGH IAP/PITTSBURGH PA 65-78 YEARS 1961 MONTHS 0300-0500 HOURS (LST)

ALL WT TIME CLASS

CONDITION

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	1.9									5.1	5.9
NNE	1.0	2.3	.5									3.3	4.8
NE	.0	1.6	.8									3.0	5.2
ENE	.2	.9	1.0	.2								2.8	4.2
E	1.3	1.8	.6									3.9	4.5
ESE	1.3	2.0	.2									3.5	4.1
SE	2.7	1.7	.4	.1								4.9	4.0
SSE	2.5	2.3	.1									4.9	3.9
S	2.6	4.8	.8	.1								8.3	4.6
SSW	1.2	2.2	1.0									4.3	5.2
SW	.5	2.7	2.2	1.1								6.7	6.9
WSW	1.1	3.5	2.5	.2								7.8	6.5
W	1.7	5.2	1.5	.3								8.7	5.3
WNW	1.7	2.7	1.1									5.5	4.8
NW	1.1	2.8	.9	.1								4.8	5.3
NNW	.2	1.1	1.1									2.4	6.4
VARB													
CALM												19.6	
	21.7	39.7	16.5	2.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAR

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822
STATION

GTR PITTSBURGH 1AD/PITTSBURGH PA
STATION - 57

49-78
YEAR

JUL
MONTH

ALL WEATHER
CLASS

0600-GR00
HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.5	2.6	.4								5.6	5.9
NNE	.4	2.0	1.2									3.7	5.7
NE	.2	1.5	.9	.1								2.2	6.1
ENE	.2	1.1	1.2	.1								2.9	6.3
E	2.0	2.2	1.3	.2								2.7	5.2
ESE	1.1	2.3	.3									3.7	4.9
SE	2.2	4.1	.3									6.6	4.4
SSE	2.8	3.3	.8									6.0	4.2
S	1.5	7.2	1.0	.3								10.6	5.3
SSW	1.1	1.9	1.8	.1								4.9	5.9
SW	.8	3.4	3.5	1.1	.1							8.9	7.3
WSW	.2	3.1	4.1	1.1								8.5	7.3
W	.6	3.9	3.4	.8								9.7	6.8
WNW	.2	2.9	1.9	.2								5.3	6.6
NW	.4	1.6	1.3									3.3	6.1
NNW	.5	.9	1.3	.9								3.1	7.0
VARB													
CALM												8.9	
	14.0	42.0	27.0	4.7	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 AIR PITTSBURGH IAP/PITTSBURGH PA YEAR 67-78 MONTH 11
ALL WEATHER 0900-1100
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.7	.6								5.4	7.5
NNE		.6	1.6	.1								2.4	7.4
NE	.1	1.7	1.2	.1								3.1	6.3
ENE	.1	1.4	1.5	.2								3.2	6.5
E	.4	2.5	2.3	.2								5.4	6.6
ESE	.2	1.6	1.5									3.3	6.2
S	.3	2.8	1.6	.1								4.8	6.1
SSE	.1	1.8	1.4									3.7	5.8
S	.3	.3	3.1	.4								4.4	6.6
SSW	.2	.3	3.0	1.5								4.8	6.0
SW	.4	3.2	.4	3.3								12.6	6.7
WSW	.4	2.0	2.7	3.4								11.6	9.0
W		2.7	6.9	2.4								12.4	8.5
WNW	.3	1.9	2.4	1.5								6.2	8.6
NW	.1	1.0	2.9	.6								4.7	8.2
NNW	.3	1.3	2.7	1.0								5.3	7.9
VARBL													
CALM												.8	
	4.4	32.0	46.0	16.1	.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 55-78 JUL 1200-1500
STATION STATION NAME YEARS MONTH HOURS
ALL AF TMC CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.5	4.5	.5								7.1	6.2
NNE	.1	1.1	1.1	.1								2.4	6.8
NE	.1	1.1	1.0	.2								2.4	7.3
ENE		1.6	1.5									3.1	6.8
E		1.1	1.6	.2								2.9	7.6
ESE	.1	1.2	1.4	.2								3.0	7.1
SE	.1	1.2	2.0	.1								3.4	7.0
SSE	.2	.9	1.9	.2								3.2	7.1
S	.2	2.4	4.8	.9								8.4	7.6
SSW	.1	1.4	3.4	2.2								7.1	9.2
SW	.1	1.8	5.2	4.5	.1							12.0	9.9
WSW		2.0	5.3	6.0	.2							13.5	10.0
W		1.6	5.5	4.7	.2							12.0	10.1
WNW	.1	.6	2.2	3.7	.2							6.8	11.0
NW	.1	.9	3.0	3.2								7.2	9.5
NNW		1.0	1.7	1.9								4.6	9.5
VARS													
CALM												.8	
	1.5	21.3	46.2	29.5	.8							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY SPANCO
USAFETAC
AIR WEATHER SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94623 AIR PITTSBURGH IAP/PITTSBURGH - PA 1978
STATION STATION NAME YEAR
ALL AS THE CLASS
CONDITION
JUL 1500-1700
BOOTS HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.6	2.7	1.7								6.3	9.6
NNE		.4	1.5	.2								2.2	8.3
NF		1.0	1.9									2.9	7.3
ENE	.2	.9	1.8									3.1	7.1
E	.1	1.2	1.1	.3								2.7	7.2
ESE	.3	.8	1.2	.2								2.5	7.5
SE	.3	1.3	.6	.3								2.6	6.3
SSE		1.2	.9	.3								2.4	7.5
S	.2	2.7	5.1	.6								3.7	7.6
SSW	.1	1.6	3.5	1.0								6.2	8.2
SW	.1	1.5	7.2	3.5								12.4	9.5
WSW	.1	2.0	5.3	5.7	.5							13.7	10.2
W		1.6	5.9	3.8	.4							11.7	9.9
WNW		1.0	3.7	2.4	.2							7.2	9.9
NW	.4	1.3	3.7	3.5	.3							10.1	9.8
NNW	.1	.5	1.7	2.9								5.3	16.6
VARBL													
CALM												.1	
	2.2	21.1	47.7	27.3	1.5							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS JUL MONTH 1800-2000 YEARS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	4.5	1.1								7.0	8.1
NNE	.1	1.8	1.6	.1								3.7	6.6
NE	.2	3.4	1.3	.1								5.1	6.0
ENE	.1	.8	.4									1.3	6.3
E	.2	1.3	.9									2.7	5.5
ESE	.3	1.4	1.0									2.7	6.0
SE		1.9	1.0									2.9	6.1
SSE	.1	1.4	1.1									2.6	6.2
S	.9	5.7	2.2	.1								8.8	5.8
SSW	.2	4.1	3.0	.3								7.6	6.3
SW	.3	6.7	5.3	1.3	.1							13.7	7.2
WSW	.3	5.2	5.6	1.3								12.4	7.3
W	.2	3.1	3.4	1.3		.1						8.2	7.7
WNW	.1	1.9	2.7	1.4								6.1	8.2
NW	.2	2.2	3.5	1.4	.3							7.6	8.5
NNW		1.2	4.4	1.7								7.3	8.8
VARBL													
CALM												.4	
	3.8	43.3	41.8	10.1	.4	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GIR PITTSBURGH TAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.3	5.8	.4	.1							9.9	7.5
NNE	.8	2.6	.3									3.7	4.8
NE	1.1	1.5	.3									2.9	4.6
ENE	.5	1.7	.8									3.0	5.2
E	.9	1.4	.8									3.0	5.1
ESE	.5	1.6	.5									2.8	5.0
SE	1.2	2.7	.5									4.4	4.7
SSE	1.4	3.7	.3									5.4	4.4
S	2.2	7.2	1.4									10.8	5.0
SSW	1.2	2.8	1.7									5.7	5.4
SW	1.6	4.9	3.0	.2								10.0	5.6
WSW	1.6	3.9	1.9	.3								7.7	5.7
W	1.6	4.3	1.9	.1								8.0	5.3
WNW	1.1	4.0	1.1	.3								6.5	5.6
NW	.6	2.6	1.8									5.1	6.0
NNW	.2	.8	2.9	.3								4.2	7.8
VARBL													
CALM												7.1	
	17.0	48.9	25.2	1.7	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
MOVES (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	3.2	.6	.0	.0						6.5	7.5
NNE	.4	1.6	1.0	.1								3.0	6.0
NE	.4	1.8	1.0	.1								3.3	5.9
ENE	.3	1.3	1.1	.1								2.8	6.2
E	.6	1.6	1.2	.1								3.7	5.8
ESE	.7	1.6	.8	.1								3.2	5.5
SE	1.2	2.2	.8	.1								4.4	5.0
SSE	1.2	2.1	.9	.1								4.2	5.0
S	1.4	4.9	2.3	.3								9.1	5.8
SSW	.7	2.2	2.4	.6								5.9	6.9
SW	.8	3.2	4.3	2.0	.0							10.5	7.9
WSW	.7	3.1	4.1	2.4	.1							10.4	8.1
W	.6	3.3	3.8	1.7	.1	.0						9.8	7.7
WNW	.7	2.2	1.9	1.2	.1							6.1	7.6
NW	.5	1.9	2.3	1.2	.1							6.0	7.9
NNW	.2	1.1	2.3	1.0								4.6	8.3
VARBL													
CALM												6.7	
	11.0	36.2	33.8	11.8	.4	.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLIM

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.5	2.7	.9								7.8	6.6
NNE	.5	2.4	1.1	.1								4.4	5.6
NE	.4	3.2	.4									4.3	5.2
ENE	.6	1.1										1.7	4.3
E	1.0	2.0	.2									3.2	4.3
ESE	2.6	1.3	.1									3.4	3.8
SE	1.7	1.6	.2									3.5	3.9
SSE	1.7	1.8										3.5	3.7
S	3.2	3.7	.3									7.8	4.1
SSW	1.2	2.3	1.1									4.5	5.0
SW	.6	3.8	3.1	.5								8.1	6.5
WSW	1.1	2.7	2.3	.4	.1							6.6	6.3
W	1.7	3.2	2.4	.9								8.2	6.2
WNW	1.6	2.5	.2									4.3	4.2
NW	1.3	2.7	.2	.1								4.3	4.5
NNW	.5	1.2	.8	.3								3.1	6.4
VARBL													
CALM												21.1	
	21.7	38.9	15.1	3.1	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94023
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

59-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	5.6	2.6	.5								9.7	6.0
NNE	1.0	1.4	.4	.1								2.9	5.0
NE	1.1	2.0	.4									3.5	4.5
NNE	.4	1.3										1.7	4.8
E	1.4	2.0	.2									3.7	4.3
ESE	1.0	1.4		.1								3.1	4.0
SE	2.0	1.6	.1									3.8	4.0
SSE	2.2	1.4	.1									3.7	3.7
S	2.9	3.4	.5									6.9	4.3
SSW	.4	1.4	.9									2.7	5.8
SW	.8	4.2	2.0	.1								7.1	5.7
WSW	1.5	3.7	1.7	.2								7.1	5.6
W	1.7	5.6	1.3	.1								9.2	5.1
WNW	1.3	2.6	.3	.2								4.4	4.7
NW	1.2	2.2	.5									3.9	4.9
NNW	.3	1.2	.2	.1								1.8	5.5
VARBL													
CALM												24.8	
	20.5	41.0	11.9	1.7								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAF/PITTSBURGH PA 69-78 YEARS AUG NORTH
ALL WEATHER CLASS 0600-0200 NOV 22 (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	1.9	1.2								6.9	6.9
NNE	1.1	2.2	1.2	.2								4.6	5.8
NE	.4	2.4	.3									3.1	5.1
ENE	.9	1.8	.4									3.1	4.8
E	1.3	3.9	.8	.1								6.0	4.9
ESE	1.7	1.5	.3									3.5	4.1
SE	2.3	4.0	.8									7.0	4.4
SSE	.8	4.1	.5									5.4	4.7
S	1.5	4.1	.9	.1								6.6	4.8
SSW	.4	3.1	1.1									4.6	5.7
SW	.8	3.0	3.5	.4								7.7	6.6
WSW	1.1	2.7	2.7	.4								6.9	6.3
W	1.4	5.3	3.0	.3								9.9	5.7
WNW	1.0	2.4	1.2	.2	.1							4.8	5.8
NW	.5	1.5	.9	.1								3.0	6.0
NNW	.2	.2	1.0	.1								1.5	6.9
VARBL													
CALM												15.3	
	16.2	44.7	20.4	3.2	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 030

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823 STATION 94823 GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS AUG MONTH
STATION NAME CLASS 0900-1100 HOURS (L & T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.1	3.1	1.0								8.5	7.5
NNE	.3	.5	1.4	.1								2.4	7.0
NE	.2	2.0	.5	.2								3.1	5.9
ENE	.6	1.6	1.4	.2								3.9	5.9
E	1.3	2.5	1.3	.4								5.5	5.8
ESE	.6	4.1	1.1									5.8	5.0
SE	.3	2.6	1.2	.3								4.4	6.2
SSE	.6	2.5	1.3									4.4	5.7
S	.6	5.8	2.3	.1								8.8	5.7
SSW	.3	2.3	2.4	.8								5.7	7.4
SW	.5	3.4	6.6	1.8								12.4	8.0
WSW	.6	2.4	5.7	2.0	.1							11.8	8.7
W		3.0	5.4	2.3								10.6	8.3
WNW	.2	1.5	2.0	.6								4.4	7.8
NW	.4	1.3	1.8	.4								4.0	7.2
WNW		1.2	1.5	.4								3.1	7.3
VARBL													
CALM												1.2	
	7.5	39.8	39.0	12.4	.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GIP PITTSBURGH IAP/PITTSBURGH PA 49-78 YEARS AUG MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	3.1	1.3								6.9	7.6
NNE		1.2	.6									1.8	5.9
NE	.3	2.4	.9	.2								3.8	5.8
ENE	.4	1.7	.5									2.7	5.3
E	.3	2.5	1.6	.4								4.8	6.4
ESE	.6	1.5	1.2	.2								3.5	6.2
SE	.1	1.4	1.2	.5								3.2	7.2
SSE	.1	.8	.8	.4								2.0	7.4
S	.2	2.8	3.1	.5								6.8	6.9
SSW	.9	1.3	2.5	1.5	.1							6.5	8.1
SW	.5	2.0	4.4	4.4	.2							11.6	9.4
WSW	.2	2.0	5.7	5.6	.2							13.8	10.0
W		2.7	6.2	3.3	.2							12.5	9.2
WNW		2.3	3.4	2.3								8.0	8.9
NW	.4	1.2	3.4	1.7								6.8	8.6
NNW	.2	1.5	2.5	.3								4.5	7.5
VARBL													
CALM												.9	
	4.8	29.6	41.2	22.8	.8							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	4.0	1.4								7.7	8.1
NNE	.2	1.1	1.8	.2								3.3	7.2
NE	.1	1.3	1.6	.1								3.1	6.9
ENE	.3	1.7	.8	.1								2.9	5.7
E	.2	1.3	1.0	.3								2.8	7.0
ESE		1.0	.8	.1								1.8	6.9
SE	.4	1.5	.5	.5								3.0	6.3
SSE	.1	.8	1.5									2.4	6.8
S	.5	2.8	3.4	.2								7.0	6.8
SSW	.1	2.2	3.9	1.0								7.1	7.8
SW	.2	3.0	7.5	3.0								13.8	8.7
WSW	.2	2.3	4.5	4.5	.1							11.6	9.4
W	.1	2.7	6.8	3.3								12.9	8.9
WNW		1.1	2.8	2.2	.2							6.2	9.6
NW	.2	2.3	3.4	2.0								8.0	8.4
NNW	.2	.8	3.5	1.6								6.1	9.1
VARBL													
CALM												.2	
	3.2	27.7	47.8	20.6	.3							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 59-78
STATION NAME YEAR MONTH
ALL WEATHER 1800-0000
CLASS HOURS (L.E.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	3.2	5.7	.0								9.0	7.4
NNE		2.8	1.0									4.4	6.2
NE	.4	2.9	1.5									5.2	5.9
ENE	.4	1.5	.6	.1								2.7	5.7
E	.6	2.3	.5									3.7	5.1
ESE	.4	1.7	.2									2.4	5.0
SE	.4	1.9	.2	.3								3.4	6.2
SSE	.4	1.5	.3									2.3	5.1
S	1.6	7.3	2.2	.2								11.3	5.2
SSW	.6	4.4	1.1									6.1	5.4
SW	1.0	5.7	4.9	.5								12.3	6.5
WSW	.2	5.8	3.2	.5								10.0	6.7
W	.1	3.2	3.0	.3								6.7	6.8
WNW	.4	2.9	2.6	.1	.1							6.1	6.6
NW	.2	1.8	1.9	.9								4.8	7.7
NNW	.1	1.5	4.0	1.3								6.9	8.3
VARBL													
CALM												1.9	
	7.2	50.5	34.7	5.5	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.5	5.9	.6	.1							12.4	6.9
NNE	.9	3.3	1.0									5.2	5.3
NE	1.0	2.2	.1									3.2	4.4
ENE	.5	1.4	.2									2.2	4.9
E	.3	2.0	.3									3.1	4.8
ESE	1.3	1.5	.4									3.2	4.4
SE	1.5	2.5	.4									4.4	4.6
SSE	1.8	2.8	.3									4.9	4.2
S	4.1	5.5	2.0	.1								11.7	4.7
SSW	1.1	3.4	1.7									6.2	5.4
SW	1.8	3.8	3.0	.1								8.7	5.7
WSW	1.5	2.2	1.8	.3								5.8	5.7
W	1.6	4.5	1.2									7.3	5.0
WNW	.6	2.9	.6	.1								4.3	5.1
NW	.6	1.6	.5									2.8	5.2
NNW	.4	1.1	1.5	.2								3.2	6.6
VARBL													
CALM												11.3	
	20.6	45.2	21.2	1.5	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION AIR PITTSBURGH IAL/PITTSBURGH PA 69-78 YEARS MONTH AUG
ALL WEATHER CLASS ALL SPEED (L.S.T.)
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.6	3.6	1.1	.0							8.7	7.1
NNE	.5	1.9	1.1	.1	.0							3.6	5.9
NE	.5	2.3	.5	.1								3.7	5.4
ENE	.5	1.5	.5	.1								2.6	5.3
E	.9	2.3	.8	.2								4.1	5.3
ESE	1.0	1.7	.5	.1								3.4	4.8
SE	1.1	2.1	.6	.2								4.1	5.2
SSE	1.0	1.9	.6	.1								3.6	4.9
S	1.9	4.4	1.5	.2								3.4	5.3
SSW	.6	2.6	1.8	.4	.0							5.4	6.5
SW	.8	3.6	4.4	1.4	.0							10.2	7.3
WSW	.8	3.0	3.5	1.9	.1							9.2	7.8
W	.8	3.8	3.7	1.3	.0							9.7	7.2
WNW	.6	2.3	1.7	.7	.1							5.3	6.9
NW	.6	1.8	1.6	.7								4.7	7.0
NNW	.3	1.1	1.9	.6								3.7	7.6
VARBL													
CALM												9.6	
	12.8	35.7	28.9	8.9	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.3	2.3	.6								7.9	6.3
NNE	.8	2.1	.7									3.6	5.0
NE	.8	2.7	.8	.2								4.4	5.6
ENE	.2	1.0	.9	.3								2.4	6.9
E	1.6	2.7	.8									5.0	4.7
ESE	1.6	2.1	.7									4.3	4.5
SE	1.8	2.9	1.6	.2								6.4	5.2
SSE	2.1	2.0	1.3	.1								5.6	4.8
S	1.7	3.4	.8									5.9	4.6
SSW	1.4	2.0	.7	.2								4.9	5.1
SW	.8	2.4	2.6	.6								6.3	6.7
WSW	1.1	2.6	2.3	.2	.1							6.3	6.4
W	1.1	4.0	1.3	.4								6.9	5.7
WNW	.8	2.2	.6	.2	.1							3.9	5.7
NW	1.0	2.7	1.7	.4								5.8	6.2
NNW	.1	.1	3.0	.4								3.7	8.3
VARBL													
CALM												16.7	
	17.4	39.8	21.9	4.0	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GIP PITTSBURGH IAP/PITTSBURGH PA 59-78 YEARS SEP MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	3.3	.7								6.8	6.9
NNE	1.0	1.7	.9	.1								3.7	5.3
NE	.4	1.1	.6	.1								2.2	5.7
ENE	.4	2.2	1.0	.2								3.9	6.0
E	1.6	2.8	.9	.1								5.3	4.7
ESE	1.0	1.8	.6									4.1	4.4
SE	1.8	4.0	1.1									6.9	4.7
SSE	1.7	2.4	.9									5.0	4.7
S	1.2	2.6	.7									4.4	4.6
SSW	1.0	1.6	1.6	.1								4.2	5.7
SW	.4	2.1	1.8	.1								4.4	6.2
WSW	1.0	2.9	3.0	.6								7.3	6.5
W	1.2	3.3	2.0	.7								6.9	6.0
WNW	1.8	2.9	1.4	.3								6.4	5.5
NW	1.2	2.7	1.0	.6								5.6	5.9
NNW	.2	.9	1.7	.9	.2							3.9	9.0
VARBL													
CALM												18.9	
	18.1	36.4	22.3	4.0	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.1	.2								6.4	7.3
NNE	.6	1.4	.8	.2								3.0	6.0
NE	1.1	1.8	.9									3.8	5.1
ENE	1.0	2.9	.9	.1								4.9	5.5
E	1.0	3.6	1.4									6.0	5.4
ESE	1.3	2.0	.7	.1								4.1	4.8
SE	1.3	4.4	.4	.1								6.3	4.7
SSE	1.7	3.4	.4	.2								5.8	4.7
S	2.2	4.9	2.0									9.1	5.1
SSW	.3	2.0	1.1									3.4	5.8
SW	1.0	1.9	2.7	.8								6.3	7.1
WSW	.8	2.6	2.9	.7								6.9	6.8
W	.6	5.0	2.7	.7	.1							9.2	6.4
WNW	1.0	2.3	1.6	.4								5.3	6.3
NW	.3	.9	1.1	.6								2.9	7.8
NNW		1.0	1.9	.6								3.4	8.1
VARBL													
CALM												13.0	
	15.0	42.0	24.6	5.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION 94823 GIR PITTSBURGH IAP/PITTSBURGH PA 59-78 YEARS SEP MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	3.3	1.4								7.7	7.6
NNE		.8	1.4	.2								2.4	7.5
NE	.1	1.3	1.4	.2								3.1	7.1
ENE	.4	.9	1.4	.2								3.0	6.9
E		2.9	3.1	.3								6.3	6.9
ESE	.4	2.1	2.2	.6								5.3	7.0
SE	.3	3.0	1.7	.6								5.6	6.4
SSE	.3	2.4	1.0	.1								3.9	5.8
S	.6	4.0	3.3	.7								8.6	6.6
SSW	.2	1.4	2.6	.6								4.8	7.7
SW	.3	2.8	4.8	3.7								11.6	9.1
WSW	.2	2.0	5.1	3.0	.6							10.9	9.3
W		2.3	5.4	2.7	.1							10.6	9.0
WNW	.2	1.1	2.6	1.2								5.1	8.3
NW	.1	1.7	2.1	1.7	.1							5.7	9.0
NNW	.1	.9	2.0	1.1								4.1	8.5
VARBL													
CALM												1.4	
	4.1	31.9	43.6	18.2	.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	5.1	1.6	.1							9.1	8.4
NNE	.1	.6	.8	.2								1.7	7.5
NE	.1	1.0	1.4	.3								2.9	7.3
ENE	.1	1.0	1.8									2.9	7.0
E	.4	1.8	2.6	.3								5.1	7.3
ESE	.2	1.0	1.6	.3								3.1	7.5
SE	.2	1.9	2.1	.9								5.1	7.5
SSE	.2	.8	1.6	.7								2.8	7.3
S		2.4	4.8	1.4								8.7	7.9
SSW	.1	.4	2.0	1.1								3.7	9.3
SW	.1	.9	5.2	4.6	.2							11.2	10.3
WSW		2.1	4.9	4.4	.9							12.3	10.3
W	.2	2.2	4.7	4.6	.9	.1						12.7	10.2
WNW	.1	.9	2.4	2.8	.1							6.3	10.2
NW	.4	.8	2.7	2.2	.2							6.3	9.6
NNW	.3	1.2	2.4	1.3								5.3	8.2
VARBL													
CALM												.8	
	2.8	21.3	46.0	26.6	2.4	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 STATION NAME GTR PITTSBURGH IAP/PITTSBURGH PA YEARS 69-78 SEP NORTH
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.8	4.8	1.4								9.1	6.3
NNE	.3	1.2	2.1	.4								4.1	7.3
NE		1.3	.6	.4								2.3	7.2
ENE		1.9	.9		.1							2.9	6.6
E	.2	1.7	1.9	.1								3.9	6.7
ESE	.3	1.3	1.4	.4								3.6	7.4
SE	.2	1.3	1.9	.7								4.1	7.6
SSE	.1	.7	1.4	.1								2.3	7.3
S	.2	2.9	4.4	.6								8.1	7.2
SSW	.2	1.8	3.0	1.3								6.3	8.4
SW	.1	2.4	6.0	2.8	.3							11.7	9.0
WSW	.1	1.0	4.3	3.3	.2							9.0	10.1
W		1.4	3.8	4.3	.6							10.1	10.5
WNW	.3	1.4	3.4	2.4	.2							7.9	9.6
NW	.2	1.6	3.2	3.1								8.1	9.4
NNW	.3	1.4	2.9	1.4								6.1	8.4
VARBL													
CALM												.3	
	2.9	26.2	46.1	23.9	1.4							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	5.1	1.3								10.9	7.6
NNE	.3	1.6	1.3									3.2	6.1
NE	.3	3.2	.8	.2								4.6	6.1
ENE	.3	3.0	1.0									4.3	5.7
E	.4	3.3	1.2									5.0	5.3
ESE	.9	1.6	1.7									4.1	5.5
SE	.4	3.2	1.0									4.3	5.6
SSE	.1	1.9	.3	.1								2.4	5.5
S	.8	5.4	1.2	.6								8.0	5.9
SSW	.3	4.6	1.6	.3								6.8	6.5
SW	.8	4.3	4.0	.4								9.6	6.5
WSW	.3	3.8	4.2	.1								8.4	6.5
W	.8	3.3	2.2	.6								6.9	6.5
WNW	.6	1.8	2.3	1.1								5.8	7.9
NW		1.9	3.2	.8								5.9	7.9
NNW	.2	1.6	4.0	1.0								6.8	8.1
VARBL													
CALM												2.6	
	7.2	48.4	35.2	6.6								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

100-2300
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.1	3.6	.6								9.1	6.9
NNE	.4	2.3	2.0	.1								4.9	6.3
NE	.6	2.7	.6	.1								3.9	5.2
ENE	.8	.6	1.4	.2								2.0	6.4
E	1.2	2.6	1.2									5.0	5.0
ESE	1.6	1.9	1.1									4.6	4.9
SE	2.1	3.9	2.1	.1								8.2	5.3
SSE	1.4	2.9	1.1	.1								5.6	5.0
S	1.4	4.3	1.2	.2								7.2	5.2
SSW	.7	3.0	1.0	.2								4.9	5.5
SW	.9	3.3	2.0	.6								6.7	6.1
WSW	1.0	2.4	1.9	.6								5.9	6.4
W	1.4	4.1	1.6	.1								7.2	5.1
WNW	.3	1.6	1.4	.1								3.9	5.9
NW	.6	2.8	1.0	.6								4.9	6.0
NNW	.4	1.4	2.8	.6								5.2	7.5
VARBL													
CALM												10.9	
	16.0	42.9	26.0	4.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

62-78
YEARS

SEP
MONTH

ALL WFTHE
CLASS

ALL
MOSES (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.6	3.8	1.1	.0							8.2	7.5
NNE	.4	1.5	1.2	.2								3.3	6.3
NE	.4	1.9	.9	.2								3.4	6.0
ENE	.4	1.7	1.2	.1	.0							3.4	6.3
E	.8	2.7	1.6	.1								5.2	5.8
ESE	1.0	1.7	1.2	.2								4.2	5.7
SE	1.0	3.1	1.5	.5								5.9	5.7
SSE	1.0	2.1	1.0	.1								4.2	5.4
S	1.0	3.7	2.3	.4								7.5	6.0
SSW	.5	2.2	1.7	.5								4.9	6.7
SW	.6	2.5	3.6	1.7	.1							8.5	8.0
WSW	.6	2.4	3.6	1.0	.2							8.4	8.2
W	.7	3.2	3.0	1.7	.2	.0						6.8	7.8
WNW	.7	1.8	2.0	1.1	.1							5.6	7.7
NW	.5	1.9	2.0	1.2	.0							5.6	7.9
NNW	.2	1.1	2.6	.9	.0							4.8	8.2
VARBL													
CALM												8.1	
	10.4	36.1	33.2	11.5	.7	.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 94823 GJR PITTSBURGH IAP/PITTSBURGH PA 62-73 YEARS
STATION NAME
ALL WEATHER CLASS
CONDITION
DCT NORTH
0000-0700 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.0	3.3	1.1								8.2	7.2
NNE	.3	1.3	.3	.2								2.2	6.1
NE	.6	2.0	1.5	.1								4.3	5.7
ENE	.5	1.2	2.2	.1								4.0	6.4
E	1.8	3.7	1.0	.2								6.7	5.0
ESE	1.0	4.8	1.7									7.5	5.4
SE	1.3	3.3	2.6	.6								7.8	6.0
SSE	2.0	1.7	1.0									4.7	4.5
S	1.3	2.4	.9	.1								4.6	4.8
SSW	.2	1.3	.4	.1								2.0	6.0
SW	.4	2.5	2.9	.6								6.5	7.1
WSW	.9	2.3	3.1	1.1								7.3	7.4
W	.8	3.4	4.6	1.1								9.9	7.4
WNW	.3	2.6	1.5	.9	.2							5.5	7.5
NW	.2	2.4	1.6	.8	.1							5.1	7.6
NNW	.2	.6	1.5	.4								2.3	7.8
VARBL													
CALM												11.0	
	12.7	38.5	30.3	7.2	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS
ALL WEATHER CLASS 0300-0500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.8	3.3	.9								7.5	7.1
NNE	.8	1.3	.5									2.6	5.0
NE	.2	1.3	.9	.2								2.6	5.3
ENE	.5	1.4	1.0									2.9	5.6
E	2.3	5.9	2.4	.2								10.9	5.4
ESE	1.6	3.5	.5									5.7	4.8
SE	1.7	3.1	1.8									6.7	5.2
SSE	1.1	2.2	.6									3.9	4.9
S	1.2	2.4	1.2									4.7	5.2
SSW	.4	1.1	1.0	.1								2.6	6.5
SW	.5	1.4	3.2	.2								5.4	7.1
WSW	.4	1.5	3.8	1.6								7.3	9.4
W	1.0	3.7	4.5	1.8								11.0	7.5
WNW	.8	2.4	1.8	.4								5.4	6.4
NW	.3	2.0	1.4	1.1	.1							4.9	7.9
NNW	.4	1.1	2.4	.4								4.2	7.2
VARBL													
CALM												11.8	
	13.8	37.0	30.3	7.0	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94825 STATION GIR PITTSBURGH IAP/PITTSBURGH PA 69-75 TELER 6600-0800
STATION NAME ALL WE-THEN CLASS MOSES (S. & T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	3.1	.4								6.3	7.1
NNE	.4	1.4	1.9									2.8	5.7
NE	1.3	2.6	1.2									5.1	5.2
ENE	1.2	1.3	1.3	.4								4.2	5.1
E	1.8	4.7	1.7	.1								8.4	5.2
ESE	.5	4.3	1.6									6.7	5.4
SE	1.5	4.3	1.2	.2								7.2	5.4
SSE	1.2	3.8	.5	.3								5.8	5.1
S	1.4	2.8	1.5	.1								5.8	5.4
SSW	.1	1.4	1.6	.4								3.5	7.2
SW	.2	1.2	2.9	1.6								6.1	8.8
WSW	.3	2.0	2.9	1.0								6.2	7.7
W	.4	3.0	3.5	1.5								8.5	7.8
WNW	.6	1.8	2.9	1.3	.1							6.8	7.9
NW	.2	1.2	2.4	.8								4.5	7.9
NNW	.1	.5	1.9	1.0								3.5	8.9
VARB													
CALM												8.5	
	12.0	38.7	31.3	9.4	.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 UCT
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLIM
CONDITION
0900-1100
HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	2.9	1.1								5.7	8.6
NNE	.1	.9	.8	.2								1.8	7.0
NE	.2	1.4	1.3	.3								3.2	7.0
ENE	.6	1.8	1.8	.3								4.6	6.5
E	.2	2.3	2.6	.5								5.6	7.1
ESE	.4	1.9	2.6	.2								5.2	6.8
SE	.1	2.8	3.7	1.7								3.3	3.0
SSE		2.4	1.6	1.3								5.3	7.9
S	.4	4.8	5.3	1.2								11.7	7.3
SSW	.2	.5	1.2	1.5								3.4	9.5
SW		1.2	4.0	3.9	.4							9.5	10.3
WSW	.1	.9	3.5	3.0	.9							8.3	10.6
W	.1	1.6	2.5	5.1	.9	.2						9.9	11.0
WNW	.3	1.0	1.9	2.0	.3							5.1	15.3
NW		1.0	1.4	2.6	.2							5.4	10.4
NNW		.6	2.3	2.4								5.3	10.3
VARBL													
CALM												.8	
	2.9	26.7	39.2	28.1	2.2	.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 04823 GIB PITTSMURGH IAP/PITTSBURGH PA 40-78 OCT 1978
STATION NAME YEARS MONTHS
ALL WEATHER 1200-1400
CLAS
CITY/STATE

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.4	3.0	1.2								6.8	3.6
NNE	.1	.1	.2									1.0	8.7
NE	.1	1.1	1.0									2.4	6.9
ENE	.2	.9	1.7	.5								3.3	7.4
E	.1	1.4	2.9	.4								4.8	7.9
ESE	.1	1.2	2.6	.6								4.6	8.4
SE	.2	1.2	2.7	1.3								5.4	8.7
SSE	.2	.8	2.2									3.6	7.9
S	.1	2.0	3.9	2.4								8.4	8.8
SSW	.2	.9	2.0	3.0								6.7	9.8
SW		1.1	3.8	5.4	.5	.1						10.9	11.2
WSW	.2	1.6	3.1	5.4	.8							11.1	10.9
W		.9	3.2	4.6	1.5	.1						10.3	12.0
WNW		1.1	1.3	3.2	1.1							6.7	12.1
NW	.2	1.0	2.7	4.4	.3	.1						8.7	11.1
NNW	.2	.4	1.2	2.9	.1							3.8	11.1
VARBL													
CALM												.4	
	2.5	16.9	38.1	37.5	4.3							100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 930

138

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

101
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.A.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	3.2	2.2	.1							6.5	4.3
NNE	.1	1.2	.8	.2								2.3	6.7
NE	.2	1.8	1.0									3.0	5.9
ENE	.1	1.1	.9	.1								2.2	6.8
E	.2	2.4	2.5	.6								5.7	7.2
ESE	.1	1.7	2.3	1.3								5.4	8.3
SE		1.2	2.0	1.4								4.6	8.7
SSE		.5	2.3	.4								3.2	7.9
S	.2	1.5	4.4	1.7								7.1	7.8
SSW		1.3	4.0	1.7								7.0	8.8
SW	.1	1.6	5.1	4.0	.2							11.0	9.7
WSW		1.1	3.8	2.5	.6	.1						8.1	10.4
W	.1	1.4	4.2	4.1	1.1	.1						11.0	10.9
WNW	.1	1.4	2.2	3.5	.2							7.4	10.6
NW		.4	2.8	4.6	.4							8.3	11.6
NNW		.8	2.7	3.4	.1							7.0	10.4
V* RBL													
CALM												.4	
	1.5	20.1	43.9	31.1	2.8	.2						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-73
YEARS

UCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	5.7	2.2								9.6	8.8
NNE	.1	1.3	.2	.1								1.7	5.7
NE	.4	1.7	.9	.2								3.2	5.9
ENE	.6	2.3	.9	.1								3.9	5.7
E	1.5	3.3	2.6									7.4	5.5
ESE	.5	1.3	2.9	.3								5.3	7.2
SE	.6	2.4	1.9	1.4	.1							6.5	7.6
SSE	.3	1.9	1.3									3.5	6.0
S	.6	5.9	2.2	.4								9.1	5.8
SSW	.5	2.9	1.8									5.1	6.0
SW	.3	3.8	3.3	.5	.1							8.1	7.0
WSW	.1	2.5	1.5	.8	.1							4.9	7.3
W	.2	3.4	2.6	.3	.1							7.2	7.5
WNW	.1	2.6	4.2	1.3	.1	.1						8.6	8.2
NW	.5	1.3	2.8	1.4	.1							6.1	8.7
NNW	.1	1.0	4.4	1.8								7.3	8.9
VARBL													
CALM												2.3	
	6.5	39.4	39.1	11.6	.6	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822 GIP PITTSBURGH IAP/PITTSBURGH PA 69-78 LCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
FOUR (16-17)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.3	6.6	1.0								11.0	8.0
NNE	.1	1.5	.9	.4								2.8	6.6
NE	1.0	1.6	.8	.1								3.4	5.3
ENE	.2	1.6	1.2									3.0	6.3
E	1.5	3.8	2.2									7.4	5.5
ESE	1.0	1.6	2.7	.3								5.6	6.3
SE	1.1	3.4	3.5	1.2								9.2	6.8
SSE	.6	3.0	.9	.1								4.4	5.4
S	1.2	5.8	1.4									8.4	5.0
SSW	.4	1.8	1.2	.1								3.5	6.2
SW	.1	2.9	1.9	.4								5.4	7.0
WSW	.6	2.2	1.7	.6	.1							5.3	7.0
W	.8	3.7	2.7	1.6								8.7	7.4
WNW	.5	2.6	1.9	1.5								6.6	7.7
NW	.3	1.6	1.4	1.2	.1							4.6	8.4
NNW	.4	.8	2.3	.3	.1							4.3	8.6
VARBL													
CALM												6.3	
	10.2	40.1	33.1	9.9	.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 94823 STATION NAME GTR PITTSBURGH IAP/PITTSBURGH PA YEARS 39-78 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	3.9	1.4	.0							7.7	8.1
NNE	.3	1.1	.6	.2								2.1	6.2
Ne	.5	1.7	1.0	.1								3.4	5.9
ENE	.5	1.4	1.4	.2								3.5	6.3
E	1.2	3.4	2.2	.3								7.1	5.9
ESE	.7	2.6	2.1	.4								5.7	6.4
SE	.8	2.7	2.5	1.0	.0							7.0	6.9
SSE	.7	2.0	1.3	.2								6.3	6.1
S	.8	3.5	2.6	.6								7.5	6.5
SSW	.3	1.4	1.7	.9								4.3	7.8
SW	.2	1.9	3.4	2.1	.2	.0						7.8	8.9
WSW	.3	1.7	2.9	2.0	.3	.0						7.3	9.0
W	.4	2.6	3.5	2.6	.4	.1						9.6	9.1
WNW	.3	1.9	2.2	1.6	.3	.0						6.6	8.9
NW	.2	1.4	2.1	2.1	.2	.0						6.0	9.5
NNW	.2	.7	2.3	1.6	.0							4.9	9.3
VARBL													
CALM												5.2	
	7.3	32.2	35.7	17.7	1.3	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-76 YEARS NOV NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	1.7	.2								4.0	6.8
NNE	.2	1.3	.2									1.8	5.3
NE	.2	2.0	.7									2.9	5.5
ENE	.4	.8	1.1									2.3	6.3
E	.6	3.3	2.3	.4								6.7	6.5
ESE	1.0	2.0	1.7	.6								5.2	6.3
SE	1.3	2.3	1.7	.1								5.4	5.6
SSE	1.0	3.0	1.9	.6								6.4	6.5
S	1.0	4.0	1.6	.2								6.8	5.9
SSW	.1	1.7	.4	.2								2.4	6.4
SW	.3	1.6	3.1	2.2								7.2	8.6
WSW	.8	2.2	4.1	2.4	.8	.2						10.3	9.6
W	.6	3.3	6.2	5.2	1.1							16.4	9.8
WNW	.8	1.3	2.7	2.6	.6							7.9	9.7
NW	.2	1.4	2.1	1.8								5.6	8.9
NNW	.7	.8	1.7	.7	.1							3.9	7.7
VARBL													
CALM												4.7	
	9.3	32.9	33.1	17.2	2.6	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY SPANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP, PITTSBURGH PA 69-78
STATION NAME YEARS
ALL W.F. THE-
CLASS
CONDITON
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	1.9	.4								4.6	5.8
NNE	.3	.9	.3									1.6	5.1
NE	.4	.7	.3	.1								1.6	5.7
ENE	.3	1.4	1.2									3.0	5.9
E	1.0	2.9	3.0	.1								7.0	6.2
ESE	.6	2.0	1.8	.6								5.1	6.5
SE	.9	2.9	1.2	.6								5.6	6.2
SSE	.2	2.3	1.5									3.9	5.7
S	1.1	3.0	2.0	.2								6.3	6.0
SSW		1.3	1.4	.4								3.2	7.6
SW	.3	3.1	3.2	1.6	.2							8.4	8.1
WSW	.6	2.7	4.1	2.3	.3							10.2	8.7
W	.7	4.2	6.0	5.6	.8	.1						17.3	9.4
WNW	.4	2.0	3.1	2.4	.2							8.2	5.2
NW	1.0	2.0	1.9	1.3	.1							6.3	7.4
NNW	.3	.8	1.0	.6								2.7	7.6
VARBL													
CALM												5.0	
	9.3	33.8	32.9	16.2	1.7	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

N30
MOUTH

ALL WEATHER
CLASS

0600-0600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	2.4	.1								4.0	7.0
NNE		.6	.1	.1								.8	6.6
NE	.3	1.3	.2									2.0	4.9
ENE	.3	1.0	1.6									3.1	6.6
E	.6	2.4	3.2	.3								6.6	6.6
ESE	.7	2.4	1.4	.6								5.1	6.3
SE	1.0	2.6	.8	.6								5.1	5.8
SSE	.6	1.7	.9	.6								2.7	6.6
S	.8	3.1	2.4	.9								7.2	6.8
SSW	.4	1.1	1.6	.6								3.7	7.3
SW	.3	1.7	3.2	2.0								7.2	8.5
WSW	.7	2.8	5.2	3.7	.7							13.0	9.3
W	.8	4.3	5.8	6.1	.8	.1						17.9	9.5
WNW	.3	1.7	2.3	2.0	.4							7.3	9.7
NW	.9	1.2	1.7	1.1								4.3	7.4
NNW	.3	.3	.9	1.2								2.8	9.4
VARBL													
CALM												5.7	
	8.3	29.6	34.1	20.3	1.9	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

NOV
MONTH

ALL NE-THEN
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.0	.4								2.1	7.7
NNE	.1	.7	.9									1.7	6.1
NE		1.3	.6									1.9	5.8
ENE	.4	.7	.8									1.9	6.1
E	.4	1.2	2.3	.2								4.2	6.8
ESE	.6	2.0	2.6	1.0								6.1	7.6
SE	.6	1.8	2.4	.7	.1	.1						5.7	7.8
SSE	.6	1.8	1.7	.7								4.7	7.0
S	.4	2.9	3.2	1.1	.3							8.0	7.9
SSW	.2	.9	1.7	1.4	.1							4.3	9.0
SW	.3	1.2	3.6	4.0	.8							10.4	10.9
WSW	.1	1.3	4.3	6.2	1.3	.3						13.6	11.6
W	.2	2.3	5.1	6.0	1.6	.2						16.0	11.2
WNW		.9	3.2	4.1	.7							8.9	11.2
NW		.4	2.1	1.7	.6							4.8	11.1
NNW	.2	.6	2.3	1.4								4.6	9.9
VARBL													
CALM												1.2	
	4.3	20.7	37.8	30.0	5.4	.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS MONTH NOV
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.2	.7								4.1	8.0
NNE	.4	.2	.2									.9	4.8
NE		.2	.6									1.3	6.1
ENE	.1	.6	1.3	.1								2.1	7.1
E	.2	1.2	1.2	.3								3.0	6.9
ESE	.1	1.2	1.4	.8								3.5	8.1
SE	.2	1.0	2.1	1.7	.1							5.1	9.3
SSE		.7	1.6	.4								2.7	8.1
S	.2	1.4	4.4	2.0	.1							8.2	9.1
SSW	.1	.7	.9	2.3	.6							4.6	11.6
SW		.4	3.6	4.4	.8							9.2	11.8
WSW		1.4	3.9	8.0	1.3	.3						15.0	12.2
W		2.0	3.9	9.2	1.6	.7	.3					17.7	12.5
WNW		.7	2.9	6.0	1.8							11.3	12.7
NW	.1	.7	3.1	2.4	.6							6.9	10.3
NNW	.1	.7	2.0	1.2								4.0	9.3
VARBL													
CALM												.3	
	1.8	14.8	35.3	39.7	6.8	1.0	.3					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94323 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS MONTH NOV
ALL WINDS CLASS 1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N		1.1	1.9	.2								3.2
NNE		1.0	.4									1.4
NE	.1	1.4	.4									2.0
ENE	.1	1.1	1.9	.2								3.3
E	.3	1.7	1.4	.2								3.7
ESE		.8	.6	.4								1.8
SE		1.7	2.1	2.0	.1							5.9
SSE		.6	2.6	.4								3.6
S	.2	2.2	2.6	1.4								6.4
SSW	.3	1.4	2.3	1.3								5.4
SW		1.3	4.2	3.8	.1							9.4
WSW		1.0	3.6	7.3	.7	.1						12.7
W	.2	.9	5.0	8.6	1.2	.7						16.6
WNW		1.1	3.7	5.8	1.3	.1						12.0
NW	.1	.9	3.0	2.6	1.0							7.6
NNW	.2	.3	2.6	.6								4.3
VARBL												
CALM												.7
	1.7	19.0	38.2	35.1	4.4	.5						100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

49-7P
ELEV

ELDS

NDV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.0	2.8	.7								5.6	7.6
NNE	.1	1.6	.3	.2								2.2	5.2
NE	.4	2.1	.1									2.7	4.9
ENE	.3	1.6	1.6	.1								3.6	6.4
E	.7	2.2	1.8	.7								5.6	7.0
ESE	.3	1.2	2.0	.2								3.8	6.9
SE	.6	1.7	3.6	.9								6.7	7.7
SSE	.3	1.7	1.6	.2								3.8	6.6
S	.4	3.8	2.1	.2								6.6	6.1
SSW	.2	1.4	2.6	.7	.1							5.0	7.8
SW	.6	2.0	2.0	1.9								5.4	8.4
WSW		2.6	4.4	3.1		.1						10.2	9.2
W	.4	3.3	6.2	6.1	.6		.1					16.8	10.1
WNW	.3	2.1	2.9	4.1	.2							9.7	9.9
NW	.1	1.2	1.6	2.1	.3							5.6	10.0
NNW		.8	2.8	.6								4.1	2.5
VARBL													
CALM												1.9	
	5.0	31.2	38.4	22.0	1.2	.1	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94827 STATION GIP PITTSBURGH IAP/PITTSBURGH PA 78 YEAR 1978 MONTH 100-200 HOURS (LST)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N		1.3	2.6	1.7								4.9
NNE		1.2	2.2	1.1								1.6
NE	.2	1.9	2.3	1.1								2.6
ENE	.6	1.7	2.0	1.4								3.2
E	.6	3.1	2.3	1.4								6.4
ESE	.7	2.0	1.6	1.3								4.6
SE	.7	1.7	2.2	1.9								5.4
SSE	.6	1.2	2.2	1.6								4.3
S	1.0	3.8	2.4	1.1								7.3
SSW		2.0	1.6	1.3								3.9
SW	.3	2.8	1.7	2.1								6.9
WSW	.6	2.2	4.2	3.2	.2							10.4
W	.3	3.3	5.3	4.3	1.1	.2						14.7
WNW	.6	2.6	4.0	3.9								10.0
NW	.2	1.1	1.8	1.1	.2	.1						4.6
NNW	.2	.7	1.4	1.6	.2							3.3
VARB												
CALM												4.6
	6.3	32.6	34.4	20.0	1.8	.2						100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94822 STATION 94822 STR PITTSBURGH IAP/PITTSBURGH PA 69-76
STATION NAME DATE
ALL WEATHER CLASS
ALL
HOURS 12.00

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.3	2.1	.2								4.1	7.5
NNE	.2	.9	.3	.1								1.5	5.8
NE	.2	1.4	.4	.0								2.1	5.4
ENE	.3	1.1	1.3	.1								2.8	6.0
E	.5	2.3	2.2	.4								5.4	6.0
ESE	.5	1.7	1.6	.6								4.4	5.9
SE	.7	2.0	2.0	.9	.0	.1						5.6	7.4
SSE	.4	1.6	1.7	.5								4.2	7.0
S	.7	3.0	2.0	.8	.1							7.1	7.0
SSW	.2	1.3	1.0	.9	.1							4.1	8.3
SW	.3	1.8	3.1	2.4	.2							8.2	9.4
WSW	.3	2.0	4.2	4.2	.7	.1						11.9	10.3
W	.4	3.0	5.4	6.5	1.1	.2	.1					16.7	10.6
WNW	.3	1.5	3.1	3.9	.7	.0						9.5	10.6
NW	.3	1.1	2.2	1.8	.3	.0						5.8	9.3
NNW	.3	.7	1.0	.9	.0							3.7	8.0
VARB													
CALM												3.0	
	5.8	26.8	35.7	25.1	3.2	.4	.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFPTAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 49-78 DEC
STATION NAME YEAR MONTH
ALL WEATHER
CLIM
CONDITION
0000-0200
NOV 11 1978

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0	2.3	.0								4.0	5.0
NNE		.8	.5									1.3	6.3
NE	.1	2.2	.9	.1								3.2	6.1
ENE	.2	1.5	1.6	.7	.1							4.2	6.9
E	.5	4.2	2.2	.4								7.3	6.5
ESE	.5	2.2	1.3	.2								4.1	6.4
SE	.6	2.6	2.0	.2								5.6	6.2
SSE	.5	2.0	1.6	.2								4.4	6.1
S	1.1	4.0	1.6	.6								7.4	6.2
SSW		1.6	1.0	1.3	.1							4.0	6.7
SW	.3	1.6	2.5	1.3								5.7	5.5
WSW	.4	1.0	2.9	4.6	.6	.2						10.0	11.0
W	.3	1.5	5.4	1.9	2.0	.1	.1					16.3	11.7
WNW		1.6	2.6	3.9	1.0	.2						9.2	11.1
NW		1.2	1.2	3.3	.3	.1						6.1	11.3
NNW		.8	1.0	.5								2.4	8.2
VARBL													
CALM												4.7	
	4.3	30.0	30.5	24.7	4.2	.0	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94923
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

DEC
MONTH

ALL WEATHER
CONDITION

0300-0500
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.4	.9								4.6	8.1
NNE	.4	1.0	.8	.1								2.3	6.0
NE	.2	2.0	.5									2.9	5.3
ENE	.3	1.6	2.3	.1								4.3	6.8
E	1.1	2.9	2.5	.4								6.9	6.5
ESE	1.0	1.9	2.0	.2								5.3	6.3
SE	.2	3.0	1.0	.2								4.5	5.9
SSE	.9	2.0	1.8	.1								4.7	6.0
S	.8	3.7	2.9	.5	.1							8.0	6.7
SSW	.4	.5	.8	.1	.1							2.6	8.7
SW	.4	1.5	3.0	1.5	.3							6.8	8.7
WSW	.2	1.0	3.2	3.7	.5	.2						8.8	10.8
W	.3	2.7	4.3	6.6	1.5	1.0						16.3	11.8
WNW	.1	1.7	3.9	3.5	.8							10.0	10.2
NW	.2	.9	2.3	1.8	.3							5.5	10.0
NNW	.1	1.3	1.0	.5								2.9	7.8
VARBL													
CALM												3.8	
	6.9	28.9	34.5	21.1	3.7	1.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.7	.8								3.8	8.2
NNE	.2	1.0	.8									1.9	5.7
NE	.2	1.9	1.4									3.5	6.1
ENE	.1	.9	1.7	.4								3.1	7.6
E	.5	3.3	3.0	.5								7.4	6.6
ESE	.2	1.9	2.3	.2								4.6	7.9
SE	1.0	2.6	2.0	.2								5.8	6.1
SSE	.8	3.2	1.5	.2								5.7	5.7
S	1.0	3.1	1.6	.4								6.1	6.1
SSW	.3	.8	1.6	.8								3.4	7.7
SW	.3	1.8	2.5	2.8	.1	.1						7.6	9.8
WSW	.3	1.7	3.7	4.6	.6	.4						11.4	10.8
W	.3	2.8	4.9	5.2	1.3	.4						14.9	10.7
WNW	.5	1.2	2.6	4.0	.9	.1						9.2	10.2
NW	.4	.9	1.7	2.5	.3							5.8	10.1
NNW		.3	1.5	.6								2.5	8.9
VARBL													
CALM												3.0	
	6.3	28.6	34.5	23.2	3.2	1.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.5	2.5	.5								3.8	8.2
NNE	.1	1.0	.4									1.5	5.9
NE	.1	1.1	1.5									2.7	6.7
ENE	.2	1.7	1.4	.3								3.7	6.9
E		2.6	2.8	.4								5.8	7.1
ESE	.1	2.7	1.2	1.1								5.1	7.3
SE	.2	2.5	2.9	.6								6.3	7.4
SSE	.4	1.9	2.3	.5								5.2	7.0
S	.3	1.8	2.3	1.1								5.5	7.7
SSW	.1	1.4	1.6	1.7	.2							5.3	9.3
SW	.1	.3	2.4	4.1	.5							7.4	11.6
WSW	.2	1.3	3.4	5.9	.9	.1						11.8	11.3
W		1.5	4.8	7.4	2.3	.9						16.9	12.4
WNW		.8	3.1	4.4	1.2	.1						9.6	12.0
NW	.1	.3	2.4	1.6	.5							4.9	10.8
NNW	.1	.1	1.0	1.5	.1							2.8	10.8
VARBL													
CALM												1.8	
	2.3	21.5	36.1	31.5	5.7	1.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

49-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.E.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	2.3	1.3	.1							4.2	8.7
NNE	.1	.3	.3	.1								1.0	6.2
NE	.1	.5	.8	.1								1.5	6.7
ENE		1.3	1.5	.5								3.3	8.0
E	.1	2.0	1.9	.9								4.9	8.0
ESE	.3	1.5	.9	1.0								3.7	7.7
SE	.1	1.6	2.9	.5								5.2	7.5
SSE	.1	1.0	2.6	1.0	.1							4.7	6.5
S	.1	1.4	3.0	1.3	.2							6.0	8.9
SSW	.1	.4	1.4	2.2	.1							4.2	10.7
SW	.1	.3	2.7	4.8	.9							8.8	12.0
WSW		.8	3.1	9.0	1.1	.2						14.2	12.5
W		1.1	4.0	8.0	3.8	1.5						17.7	13.6
WNW	.1	.5	2.0	5.2	2.2	.4						11.3	12.8
NW	.1	.5	1.6	2.2	1.1	.1						5.6	12.3
NNW		.4	1.3	.5	.3							2.7	10.4
VARBL													
CALM												1.0	
	1.6	14.6	33.0	38.2	9.8	1.7						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 69-78 YEARS
ALL WEATHER CLASS
CONDITION
DEC MONTH
1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.8	.9								4.1	8.0
NNE	.1	.8	.5									1.4	5.8
NE	.9	1.7	.1									2.7	7.4
ENE	.3	1.1	1.5									2.9	6.3
E	.3	2.6	1.9									4.8	6.4
ESE	.1	1.0	1.3	.9								3.2	8.4
SE	.2	1.7	2.6	.4								4.9	7.4
SSE		1.1	3.0	.8								4.8	8.2
S		1.7	3.7	1.7								7.1	8.6
SSW	.2	.5	1.4	1.7	.1							4.0	9.9
SW	.1	.8	3.2	4.9	.3							9.4	11.1
WSW		.8	2.6	6.2	.3	.1	.1					10.1	12.1
W		1.6	6.8	8.2	1.7	.2						18.5	11.7
WNW	.1	1.0	2.6	5.7	1.6	.1						11.1	12.2
NW		.5	1.5	3.1	.9							6.0	12.2
NNW	.1	.1	1.8	1.4	.1							3.5	10.4
VARBL													
CALM												1.4	
	1.8	17.2	38.0	36.0	5.1	.4	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

49-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.5	.4								4.7	7.2
NNE		1.0	1.2	.5								2.5	7.4
NE	.3	2.4	.5	.2								3.2	6.3
ENE	.3	1.5	1.3	.1								3.2	6.3
E	.6	2.6	1.6									4.8	5.5
ESE	.2	1.1	1.5	.5								3.7	7.9
SE	.4	1.7	2.0	.2								4.4	6.7
SSE		2.7	1.7	.3								4.7	6.9
S	.3	3.4	3.1	.6								7.5	7.0
SSW	.2	1.3	1.8	1.0	.1							4.4	8.5
SW	.2	1.7	3.3	2.2	.2							7.6	9.3
WSW	.2	2.4	4.2	3.1	.4							10.3	9.5
W	.2	3.7	4.2	7.4	1.5	.4	.2					17.2	11.3
WNW	.3	2.2	2.9	4.5	.3							10.2	10.1
NW		1.1	1.9	2.9	.3							6.2	10.7
NNW		.4	1.4	1.1								2.9	9.5
VARBL													
CALM												1.3	
	3.7	30.6	35.5	25.4	2.3	.4	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

59-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	2.2	.6								4.9	7.4
NNE	.1	1.0	.4									1.5	5.8
NE	.2	2.6	1.3	.4								4.5	6.5
ENE	.5	1.7	1.5	.2								4.0	6.3
E	.6	3.9	2.2	.2								6.9	6.0
ESE	.2	1.8	1.3	.1								3.4	6.7
SE	.5	1.7	1.8	.5								4.6	6.9
SSE	.3	1.2	1.6	.3								3.4	6.6
S	1.3	4.0	3.0	.9								9.1	6.6
SSW	.2	1.6	1.2	1.1	.1							4.2	7.9
SW	.3	2.8	3.4	2.2	.6							9.4	9.2
WSW	.1	1.3	2.9	2.8	.6	.1						7.8	10.6
W	.6	1.1	5.1	6.1	1.8	1.2						15.7	12.0
WNW	.2	1.4	2.9	4.1	.6	.4						9.7	11.4
NW		1.4	2.0	1.9	.5							5.9	10.2
NNW		.5	1.4	.5								2.5	6.7
VARBL													
CALM												2.4	
	5.7	29.7	34.2	22.2	4.4	1.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9483 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 62-78 YEARS DEC MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	2.2	.7	.0							4.3	8.0
NNE	.1	.8	.9	.1								1.7	6.2
NE	.2	1.7	1.1	.1								3.1	6.4
ENE	.3	1.5	1.6	.2	.0							3.6	6.9
E	.5	3.0	2.3	.4								6.1	6.6
ESE	.3	1.8	1.5	.6								4.1	7.2
SE	.4	2.2	2.2	.4								5.2	6.8
SSE	.4	1.9	2.0	.4	.0							4.7	6.9
S	.6	2.9	2.6	.9	.0							7.1	7.1
SSW	.2	1.0	1.4	1.3	.1							4.0	9.0
SW	.2	1.4	2.9	3.0	.4	.0						7.3	10.1
WSW	.2	1.3	3.3	5.0	.6	.2	.0					10.6	11.2
W	.2	2.0	4.9	7.0	2.0	.6	.0					16.8	11.9
WNW	.2	1.3	2.9	4.4	1.1	.2						10.6	11.4
NW	.1	.8	1.8	2.4	.5	.0						5.8	11.0
NNW	.0	.5	1.3	.9	.1							2.8	9.4
VARBL													
CALM												2.4	
	4.1	25.1	34.5	27.8	4.9	1.0	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94823 GTR PITTSBURGH IAF/PITTSBURGH PA 59-79

STATION MONTH ALL

ALL WEATHER

CLASS

CONDITION

MOON (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	3.4	1.1	.0	.0						5.9	8.0
NNE	.3	1.2	.9	.1	.0							2.5	6.3
NE	.3	1.7	1.0	.2	.0							3.2	6.2
ENE	.3	1.3	1.2	.2	.0							3.1	6.7
E	.6	2.3	1.7	.3	.0							4.9	6.3
ESE	.9	1.7	1.3	.4	.0							3.9	6.6
SE	.7	2.2	1.7	.6	.0	.0						5.4	6.7
SSE	.6	1.8	1.3	.3	.0							4.0	6.3
S	.8	3.2	2.5	.7	.0	.0						7.3	6.7
SSW	.4	1.5	1.7	.9	.1	.0						4.5	7.9
SW	.4	2.0	3.2	2.3	.3	.0	.0	.0	.0			8.2	9.0
WSW	.4	1.9	3.3	3.2	.5	.2	.0					9.6	10.0
W	.5	2.6	4.1	4.5	.9	.3	.0	.0				13.0	10.4
WNW	.4	1.7	2.4	2.7	.6	.1	.0	.0				7.8	10.1
NW	.3	1.4	2.2	2.1	.4	.1	.0					6.4	9.8
NNW	.2	.8	2.2	1.4	.1	.0						4.5	9.2
VARBL													
CALM												4.6	
	7.1	29.3	34.1	21.3	2.9	.6	.1	.0	.0			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 87643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94823 STATION GIR PITTSBURGH IAP/PITTSBURGH PA 59-79 YEARS ALL MONTH

INSTRUMENT CIG 200 IN 1400 FT W/ VSBY 1/2 MI OR MORE CLASS ALL MOVS (C.S.T.)

CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.9	3.7	1.6	.1	.0						7.7	8.5
NNE	.2	.9	.9	.3	.0							2.3	6.9
NE	.4	1.3	1.2	.5								3.3	7.1
ENE	.3	1.2	1.2	.4	.0							3.2	7.2
E	.6	2.0	1.9	.5	.0							5.0	6.7
ESE	.5	1.5	1.2	.4								3.8	6.7
SE	.6	2.0	1.6	.6	.0							4.8	6.8
SSE	.5	1.6	1.1	.3	.0							3.5	6.4
S	.6	2.6	2.0	.5								5.7	6.5
SSW	.3	1.2	1.4	.5	.0							3.4	7.4
SW	.4	2.0	3.1	1.6	.1	.0	.0					7.3	8.6
WSW	.3	1.9	3.4	2.0	.4	.2	.0					9.2	9.8
W	.4	2.5	4.6	5.1	1.2	.4	.1					14.2	10.8
WNW	.3	1.4	2.6	3.6	.8	.1						8.8	10.9
NW	.3	1.1	2.5	2.9	.7	.1						7.7	10.8
NNW	.2	.9	2.8	2.3	.2	.0						6.3	9.7
VARBL													
CALM												3.8	
	6.1	26.3	35.3	24.0	3.5	.5	.1		.0			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 15152

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, Visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 3 1/4	≥ 3	≥ 2 1/4	≥ 2 1/4	≥ 2	≥ 1 3/4	≥ 1 1/2	≥ 1 1/4	≥ 1 1/4	≥ 1 1/4	≥ 0
NO CEILING																
≥ 1000																
≥ 1500					91.0											92.6
≥ 1700																
≥ 1800																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					91.0	96.9		98.1								100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 91.0%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.1%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 1500 feet, but < 500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CL MATULORY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

70-74

J41

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	21.6	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥20000	23.0	28.2	28.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 18000	23.0	28.2	28.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 16000	23.0	28.2	28.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 14000	23.0	28.2	28.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 12000	23.0	28.2	28.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 10000	24.8	31.1	31.1	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
IV 9000	25.7	32.6	32.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 8000	26.6	34.1	34.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 7000	26.6	34.1	34.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 6000	29.1	37.9	37.9	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 5000	29.9	38.9	38.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 4500	30.6	40.2	40.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 4000	32.6	43.3	43.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 3500	33.7	45.5	45.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 3000	38.1	50.7	50.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 2500	39.8	54.1	54.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 2000	43.9	61.4	61.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 1800	44.3	61.4	61.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 1600	46.9	64.2	64.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 1400	48.0	67.9	67.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1200	48.0	67.9	67.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1000	48.7	71.0	71.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 900	49.0	71.0	71.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 800	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 700	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 600	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 500	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 400	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 300	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 200	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 100	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 0	49.0	72.9	72.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74823
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

70-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	18.1	22.9	23.4	24.7	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4
≥ 20000	19.8	24.0	25.5	26.8	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4
≥ 18000	19.8	24.0	25.5	26.8	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4
≥ 16000	19.8	24.0	25.5	26.8	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4
≥ 14000	20.0	25.7	26.2	27.5	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2
≥ 12000	21.1	27.1	27.6	28.9	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6
≥ 10000	21.9	29.0	29.7	31.0	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6
≥ 9000	22.9	30.8	31.5	32.8	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4
≥ 8000	24.1	32.5	33.3	34.6	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3
≥ 7000	25.2	34.0	34.8	36.1	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8
≥ 6000	27.1	36.6	37.4	39.0	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7
≥ 5000	27.9	37.7	38.7	40.3	40.8	40.8	40.8	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0
≥ 4500	28.0	38.7	39.8	41.4	41.8	41.8	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0
≥ 4000	29.8	41.0	42.4	44.1	44.7	44.7	44.7	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1
≥ 3500	31.1	42.7	44.2	45.9	46.6	46.6	46.6	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3
≥ 3000	34.8	47.3	49.9	51.5	52.2	52.2	52.2	52.7	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4
≥ 2500	36.3	50.8	53.4	55.8	56.3	56.3	56.3	57.2	57.7	57.7	57.7	58.5	58.5	58.5	58.5	58.5
≥ 2000	40.5	57.7	60.9	63.9	64.7	64.7	64.7	65.5	66.7	66.7	66.7	67.2	67.2	67.2	67.2	67.2
≥ 1800	41.5	58.6	62.5	65.8	66.7	66.7	66.7	67.4	68.7	68.7	68.7	69.2	69.2	69.2	69.2	69.2
≥ 1500	44.2	62.4	66.3	70.0	71.0	71.0	71.0	71.3	73.8	73.8	73.8	74.4	74.4	74.4	74.4	74.4
≥ 1200	45.2	65.2	69.9	74.2	75.4	75.4	75.4	76.5	78.8	78.8	78.8	80.0	80.2	80.2	80.2	80.2
≥ 1000	45.7	66.2	71.2	75.9	77.3	77.3	77.3	78.4	81.7	81.7	81.7	82.9	83.0	83.0	83.0	83.0
≥ 900	46.0	66.9	71.0	76.7	78.3	78.3	78.3	79.4	82.7	82.7	82.7	83.9	84.0	84.0	84.0	84.0
≥ 800	46.0	67.2	72.6	77.8	79.5	79.5	79.5	80.8	84.4	84.4	84.4	86.9	87.0	87.0	87.0	87.0
≥ 700	46.1	67.4	73.0	78.5	80.1	80.1	80.1	81.4	85.1	85.1	85.1	87.7	87.7	87.7	87.7	87.7
≥ 600	46.3	68.1	74.0	79.6	81.4	81.4	81.4	82.7	87.4	87.4	87.4	89.0	89.1	89.1	89.1	89.1
≥ 500	46.5	68.5	74.6	80.3	82.4	82.4	82.4	83.7	88.6	88.6	88.6	90.5	90.6	90.6	90.6	90.6
≥ 400	46.5	68.9	75.2	81.3	83.7	83.7	83.7	84.9	90.3	90.3	90.3	92.3	92.4	92.4	92.4	92.4
≥ 300	46.5	68.9	75.3	81.7	84.2	84.2	84.2	85.6	91.0	91.0	91.0	93.0	93.1	93.1	93.1	93.1
≥ 200	46.5	68.9	75.3	81.7	84.2	84.2	84.2	85.6	91.0	91.0	91.0	93.0	93.1	93.1	93.1	93.1
≥ 100	46.5	68.9	75.3	81.7	84.2	84.2	84.2	85.6	91.0	91.0	91.0	93.0	93.1	93.1	93.1	93.1
≥ 0	45.5	68.9	75.3	81.7	84.2	84.2	84.2	86.3	92.6	92.6	92.6	94.8	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

74823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
ROUTE

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1"	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO CEILING	15.7	19.7	21.3	22.3	22.6	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000	17.1	22.4	24.2	25.9	26.3	26.3	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 18000	17.1	22.4	24.3	25.9	26.3	26.3	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 16000	17.1	22.4	24.4	25.9	26.6	26.6	26.9	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 14000	17.4	22.9	24.7	26.2	26.9	26.9	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 12000	17.6	23.7	25.7	27.2	27.4	27.3	27.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 10000	18.6	25.6	27.7	29.4	30.0	30.0	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 9000	19.2	26.3	28.5	30.1	30.3	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 8000	20.9	28.6	30.9	32.6	33.2	33.2	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 7000	21.1	29.1	31.6	33.5	34.2	34.2	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 6000	22.2	31.1	33.7	35.4	36.2	36.2	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 5000	23.1	32.3	34.6	36.8	37.4	37.4	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 4500	23.8	32.9	35.5	37.6	38.3	38.3	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 4000	25.1	34.5	37.8	40.0	40.6	40.9	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 3500	26.6	37.8	40.8	43.3	44.0	44.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 3000	29.0	41.2	44.7	47.6	48.3	48.8	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 2500	30.6	44.6	48.6	52.3	53.2	54.1	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 2000	34.0	50.3	55.9	60.4	61.7	62.8	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	34.4	51.0	56.7	61.6	62.9	64.0	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	35.8	53.1	59.6	65.5	67.3	68.8	73.3	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1200	37.1	55.6	62.3	69.0	71.4	72.3	77.8	78.3	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 1000	37.3	56.9	63.9	71.5	74.1	75.5	81.5	82.2	82.2	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 900	37.3	57.4	64.7	72.5	75.4	77.5	83.0	83.7	83.7	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 800	37.7	58.4	65.9	74.0	77.0	78.7	85.3	85.9	85.9	86.7	86.9	86.9	87.0	87.0	87.0	87.0
≥ 700	37.8	59.1	66.7	75.1	78.3	80.0	86.7	87.3	87.3	88.1	88.3	88.3	88.4	88.4	88.4	88.4
≥ 600	37.8	59.4	67.1	75.8	79.4	81.2	88.0	88.7	88.7	89.8	90.2	90.2	90.3	90.3	90.3	90.3
≥ 500	38.0	59.8	67.6	76.3	80.0	81.8	88.8	89.9	89.9	91.3	91.8	91.8	91.9	91.9	91.9	91.9
≥ 400	38.0	59.9	68.0	77.3	81.0	83.2	90.9	91.9	91.9	93.5	94.2	94.2	94.4	94.4	94.4	94.4
≥ 300	38.0	59.9	68.0	77.4	81.2	83.4	91.2	92.5	92.5	94.6	95.5	95.5	95.8	95.8	95.8	95.8
≥ 200	38.0	59.9	68.0	77.4	81.3	83.9	92.0	93.5	93.5	95.9	97.2	97.2	98.2	98.2	98.2	98.2
≥ 100	38.0	59.9	68.0	77.4	81.3	83.9	92.0	93.7	93.7	96.2	97.5	97.5	98.5	98.5	98.9	99.7
≥ 0	38.0	59.9	68.0	77.4	81.3	83.9	92.0	93.7	93.7	96.2	97.5	97.5	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

030

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

10-79
YEARS

JA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	13.2	27.0	21.0	22.4	22.0	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 20000	15.1	23.5	24.8	26.6	27.0	27.4	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 18000	15.3	24.0	25.1	26.5	27.2	27.6	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 16000	15.6	24.4	25.5	27.2	27.4	28.1	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 14000	15.8	24.8	25.7	27.5	28.1	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4
≥ 12000	16.1	25.1	26.2	28.1	28.7	29.2	29.8	29.9	29.9	29.9	29.9	29.9	29.9	30.1	30.1	30.1
≥ 10000	16.7	26.2	27.6	29.5	30.2	30.6	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.7
≥ 9000	17.1	27.0	28.4	30.5	31.4	31.8	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.8	32.8	32.9
≥ 8000	17.8	28.1	30.1	32.5	33.3	33.8	34.7	34.8	34.8	34.9	34.9	34.9	34.9	35.2	35.2	35.3
≥ 7000	18.5	28.9	31.2	33.5	34.4	34.8	35.9	36.0	36.0	36.1	36.1	36.1	36.1	36.3	36.3	36.5
≥ 6000	19.5	30.6	32.9	35.8	36.0	37.2	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.7	38.7	38.9
≥ 5000	20.0	31.4	34.0	36.7	38.0	38.5	39.6	39.7	39.7	39.8	39.8	39.8	39.8	40.0	40.0	40.2
≥ 4500	20.8	32.4	34.9	37.7	39.1	39.8	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.3	41.3	41.5
≥ 4000	21.0	33.7	36.8	39.5	41.0	41.7	42.1	43.2	43.2	43.3	43.3	43.3	43.3	43.5	43.5	43.8
≥ 3500	22.6	35.1	38.3	41.0	43.3	44.5	46.0	46.7	46.7	46.8	46.8	46.8	46.8	47.0	47.0	47.2
≥ 3000	24.4	37.5	40.9	44.4	46.0	48.0	50.5	50.6	50.6	51.0	51.0	51.0	51.0	51.2	51.2	51.4
≥ 2500	26.5	41.0	44.4	48.4	51.2	53.4	56.8	57.1	57.1	57.6	57.6	57.6	57.6	58.0	58.0	58.2
≥ 2000	28.8	44.9	48.8	53.5	57.1	60.1	64.4	64.8	64.8	65.5	65.5	65.5	65.5	65.8	65.8	66.0
≥ 1800	29.1	45.0	50.1	55.3	59.1	62.2	66.7	67.2	67.2	67.8	67.8	67.8	67.8	68.2	68.2	68.4
≥ 1500	30.0	48.4	52.7	58.3	62.4	66.2	71.5	72.2	72.2	72.9	73.0	73.0	73.0	73.3	73.3	73.5
≥ 1200	30.4	49.7	54.2	60.8	65.5	69.7	75.8	76.6	76.6	77.5	77.6	77.6	77.6	78.0	78.0	78.2
≥ 1000	30.5	50.9	55.8	63.0	68.3	72.7	79.1	80.6	80.6	82.3	82.4	82.4	82.4	82.8	82.8	83.0
≥ 900	30.5	51.2	56.3	63.8	69.1	73.7	80.3	81.8	81.8	83.4	83.7	83.7	83.7	84.1	84.1	84.3
≥ 800	30.5	51.2	56.5	64.1	69.3	74.3	81.4	83.0	83.0	84.9	85.2	85.2	85.2	85.6	85.6	85.8
≥ 700	30.5	51.5	57.0	64.9	70.5	75.4	83.0	84.6	84.6	86.8	87.0	87.0	87.0	87.4	87.4	87.6
≥ 600	30.5	51.5	57.0	65.6	71.4	76.2	84.2	85.8	85.8	88.1	88.3	88.3	88.3	88.7	88.7	88.9
≥ 500	30.5	51.5	57.1	65.7	71.7	76.7	85.3	88.1	88.1	90.6	91.1	91.1	91.1	91.6	91.6	91.8
≥ 400	30.5	51.5	57.2	65.8	72.0	77.4	86.5	89.7	89.7	92.9	93.9	93.9	93.9	94.4	94.4	94.6
≥ 300	30.5	51.5	57.2	65.8	72.0	77.4	86.8	90.1	90.1	94.3	95.4	95.4	95.4	96.0	96.0	96.2
≥ 200	30.5	51.5	57.2	65.8	72.0	77.4	87.3	90.9	90.9	95.2	96.7	96.7	96.7	97.6	97.7	98.3
≥ 100	30.5	51.5	57.2	65.8	72.0	77.4	87.3	90.9	90.9	95.5	97.1	97.1	97.1	98.1	98.2	99.7
≥ 0	30.5	51.5	57.2	65.5	72.3	77.4	87.3	90.9	90.9	95.5	97.1	97.1	97.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA

70-75

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	18.4	21.8	22.0	23.0	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 20000	21.3	25.5	25.8	26.8	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
IV 18000	21.6	25.8	26.1	27.1	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
IV 16000	21.7	25.9	26.2	27.2	27.5	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
IV 14000	22.5	26.7	27.1	28.1	28.4	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
IV 12000	22.7	27.4	27.7	28.7	29.0	29.2	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
IV 10000	24.3	29.7	30.1	31.1	31.4	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 9000	24.7	30.5	31.0	31.9	32.4	32.7	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
IV 8000	25.7	31.7	32.3	33.2	33.7	34.0	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 7000	26.6	32.9	33.4	34.4	34.8	35.2	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 6000	27.7	34.3	35.1	36.0	36.6	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
IV 5000	28.5	35.7	35.9	37.3	37.6	38.0	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 4500	28.9	35.7	36.5	37.5	38.2	38.5	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
IV 4000	30.3	37.7	38.5	39.4	40.3	40.6	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 3500	31.0	38.7	39.8	41.0	41.7	42.2	43.1	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 3000	34.0	43.7	44.4	45.5	46.5	46.9	48.2	48.3	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 2500	37.3	47.5	49.2	50.9	51.8	52.9	54.9	55.2	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 2000	39.9	51.7	54.8	57.3	58.8	60.2	62.7	64.0	64.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 1800	40.3	53.4	57.0	59.7	61.3	63.0	66.6	66.9	67.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3
IV 1500	41.2	55.8	61.2	64.8	67.5	69.5	74.2	74.8	74.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2
IV 1200	42.0	58.9	64.4	68.6	71.5	73.5	78.9	79.7	79.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3
IV 1000	42.3	60.7	65.5	70.3	73.5	75.7	81.7	82.7	82.8	85.1	85.3	85.3	85.4	85.4	85.4	85.4
IV 900	42.5	60.8	65.8	70.8	74.3	76.8	82.6	83.5	83.7	86.0	86.2	86.2	86.3	86.3	86.3	86.3
IV 800	42.7	60.8	66.0	71.3	74.9	77.3	83.8	84.9	85.1	87.4	87.8	87.8	88.1	88.1	88.1	88.1
IV 700	42.7	60.8	66.2	71.5	75.2	77.7	84.5	85.8	85.9	88.5	88.9	88.9	89.1	89.1	89.1	89.1
IV 600	42.7	60.8	66.5	72.2	75.9	78.5	85.9	87.2	87.3	90.0	90.5	90.5	90.9	90.9	90.9	90.9
IV 500	42.7	60.8	66.5	72.2	76.1	78.7	86.7	88.4	88.5	92.0	92.6	92.6	93.2	93.2	93.4	93.4
IV 400	42.7	60.8	66.5	72.3	76.6	79.1	87.7	89.5	89.6	93.2	93.9	94.1	94.6	94.6	94.9	94.9
IV 300	42.7	60.8	66.5	72.3	76.7	79.5	88.2	89.9	90.0	94.2	95.2	95.5	96.2	96.2	96.6	96.6
IV 200	42.7	60.8	66.5	72.4	76.8	79.6	88.7	90.4	90.5	95.3	97.0	97.3	98.4	98.4	98.7	98.7
IV 100	42.7	60.8	66.5	72.4	76.8	79.6	88.7	90.4	90.5	95.7	97.5	97.8	99.0	99.0	99.8	99.8
IV 0	42.7	60.8	66.5	72.4	76.8	79.6	88.7	90.4	90.5	95.7	97.5	97.8	99.0	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE / IAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

10-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	17.7	21.5	21.7	22.0	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 20000	24.2	26.9	27.1	27.4	27.5	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 18000	24.5	26.7	27.3	27.6	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 16000	24.5	26.7	27.3	27.6	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 14000	25.7	28.0	28.0	28.9	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 12000	26.5	28.9	29.7	30.0	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000	27.6	31.0	31.8	32.3	32.4	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 9000	28.0	32.0	33.1	33.5	34.0	34.4	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 8000	29.7	33.7	35.1	35.5	35.9	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 7000	31.0	35.2	36.5	36.9	37.3	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 6000	33.1	37.6	39.1	39.8	40.3	40.8	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 5000	33.9	38.5	40.0	40.6	41.3	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4500	34.2	38.8	40.3	41.1	41.7	42.2	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4000	36.1	41.1	42.9	44.0	44.7	45.2	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 3500	37.3	42.7	44.8	46.0	46.8	47.3	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 3000	41.1	47.7	50.3	51.7	52.5	53.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 2500	44.0	52.4	55.8	57.3	58.2	59.0	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2000	47.3	58.3	62.5	64.6	66.3	67.3	70.0	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0
≥ 1800	47.3	59.4	63.5	65.9	67.7	69.0	71.7	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7
≥ 1500	48.4	62.2	66.7	69.5	71.6	73.1	76.9	78.3	78.3	78.6	78.6	78.6	78.6	78.7	78.7	78.7
≥ 1200	48.7	63.4	68.4	71.5	74.1	75.6	80.5	82.0	82.0	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 1000	48.9	64.8	70.0	73.5	76.5	78.0	84.0	85.5	85.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 900	49.1	65.4	70.6	74.6	77.7	79.2	85.4	87.0	87.0	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 800	49.2	65.6	71.2	75.6	78.8	80.4	87.5	89.1	89.1	91.0	91.1	91.1	91.1	91.2	91.2	91.2
≥ 700	49.4	65.7	71.4	76.0	79.6	81.2	88.4	90.0	90.0	91.9	92.0	92.0	92.0	92.2	92.2	92.2
≥ 600	49.4	65.7	71.4	76.3	80.0	81.7	89.1	91.1	91.1	93.4	93.7	93.7	93.7	93.9	93.9	93.9
≥ 500	49.4	65.9	71.6	76.6	80.2	81.9	90.7	91.8	91.8	94.7	94.9	94.9	94.9	95.3	95.3	95.3
≥ 400	49.4	65.9	71.6	76.6	80.2	81.9	93.0	92.3	92.3	95.3	95.5	95.5	95.5	95.9	95.9	95.9
≥ 300	49.4	65.9	71.6	76.6	80.3	82.0	90.5	92.8	92.8	96.1	97.1	97.2	97.8	97.8	97.8	97.8
≥ 200	49.4	65.9	71.6	76.6	80.3	82.0	90.6	93.0	93.0	96.6	97.8	98.0	98.8	98.8	98.8	98.8
≥ 100	49.4	65.9	71.6	76.6	80.3	82.0	90.6	93.0	93.0	96.7	98.0	98.1	99.5	99.5	99.7	99.9
≥ 0	49.4	65.9	71.6	76.6	80.3	82.0	90.6	93.0	93.0	96.7	98.0	98.1	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

79-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	25.3	27.3	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	28.2	30.4	30.5	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 18000	28.8	30.8	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 16000	28.8	31.0	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 14000	28.9	31.1	31.2	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 12000	30.5	33.1	33.2	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 10000	32.2	35.2	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 9000	33.1	36.2	36.5	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 8000	34.5	38.0	38.3	38.6	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 7000	35.2	40.1	40.4	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 6000	37.7	42.8	43.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 5000	38.5	43.8	44.2	44.8	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 4500	39.2	45.3	45.5	46.1	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 4000	40.9	47.4	48.2	49.3	49.9	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 3500	42.8	50.2	51.1	51.3	52.4	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 3000	45.9	55.2	56.3	57.4	58.7	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2500	49.0	60.0	61.9	63.2	64.3	64.7	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2000	52.5	65.7	68.6	70.3	71.7	71.9	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	53.1	67.6	70.9	72.6	74.1	74.3	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	53.7	69.0	72.9	74.8	76.3	76.8	79.5	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	54.3	70.9	75.1	77.5	79.2	79.9	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	54.6	72.6	77.2	79.5	81.8	82.5	86.2	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	54.7	73.3	78.3	81.0	83.0	83.7	87.5	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	54.7	73.7	78.7	81.7	84.0	84.6	88.7	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	54.7	73.7	78.9	82.2	84.5	85.2	89.2	89.6	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	54.7	73.8	79.0	82.4	84.7	85.5	90.1	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	54.8	73.9	79.2	82.7	85.2	86.1	91.1	91.8	91.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	54.8	73.9	79.2	82.7	85.2	86.1	91.4	92.2	92.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	54.8	73.9	79.2	82.9	85.8	86.9	92.4	93.2	93.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	54.8	74.0	79.4	83.0	85.9	87.3	92.9	94.0	94.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100	54.8	74.0	79.4	83.0	85.9	87.5	93.1	94.3	94.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	54.8	74.0	79.4	83.0	85.9	87.5	93.1	94.3	94.3	97.8	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE SURVEY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-7
YEARS

JA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	26.8	27.4	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000	28.9	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 18000	28.9	32.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 16000	28.9	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 14000	29.6	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 12000	30.1	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 10000	31.6	35.6	36.0	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 9000	32.8	37.2	37.4	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 8000	34.5	39.4	39.8	40.0	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 7000	35.4	40.5	41.3	41.2	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 6000	37.6	44.0	44.4	44.6	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 5000	38.3	44.8	45.4	45.6	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 4500	39.0	45.8	46.3	46.6	47.1	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 4000	40.3	48.6	49.4	49.7	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 3500	42.9	52.0	53.1	53.4	54.2	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000	45.9	55.6	58.2	59.0	60.0	60.2	60.4	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 2500	49.9	61.1	63.4	64.9	65.6	65.8	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	52.4	66.3	69.1	71.0	72.4	72.6	73.4	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1800	52.7	67.0	69.8	71.7	73.1	73.4	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	53.7	70.0	72.9	75.1	76.7	77.2	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1200	54.0	72.0	75.1	77.3	79.4	79.9	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	54.0	73.4	76.6	79.1	81.2	81.7	84.2	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900	54.1	73.9	77.1	79.8	81.8	82.4	84.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 800	54.1	74.0	77.4	80.4	82.7	83.3	85.8	87.1	87.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	54.1	74.1	77.6	80.9	83.2	83.9	87.4	87.8	87.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	54.1	74.3	78.0	81.5	84.3	84.9	89.2	89.8	89.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 500	54.2	74.5	78.2	81.6	84.8	85.5	90.2	90.8	90.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 400	54.2	74.7	78.5	82.4	85.6	86.3	91.6	92.6	92.6	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	54.2	74.7	78.5	82.4	85.6	86.5	92.2	93.1	93.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	54.2	74.7	78.5	82.4	85.7	86.9	93.0	94.6	94.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	54.2	74.7	78.5	82.4	85.7	86.9	93.0	94.6	94.6	98.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	54.2	74.7	78.5	82.4	85.7	86.9	93.0	94.6	94.6	98.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

10-70
YEARS

JA:
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	19.8	23.0	24.2	24.3	25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000	22.2	26.7	27.4	28.3	28.5	29.6	29.7	28.3	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
IV 18000	22.4	26.9	27.6	28.4	28.7	29.8	29.9	28.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
IV 16000	22.4	27.1	27.8	28.6	28.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
IV 14000	22.9	27.4	28.3	29.3	29.5	29.8	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
IV 12000	23.5	27.6	29.3	30.7	30.5	30.6	31.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
IV 10000	24.4	30.4	31.3	32.2	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IV 9000	25.5	31.6	32.5	33.5	33.8	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 8000	26.7	33.3	34.3	35.4	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 7000	27.5	34.4	35.0	36.0	37.0	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 6000	29.2	36.9	38.1	39.3	39.6	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 5000	30.0	37.5	39.2	40.4	41.0	41.2	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 4500	30.6	38.7	40.0	41.3	42.0	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 4000	32.2	41.0	42.6	44.0	44.7	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 3500	33.3	43.0	44.9	46.5	47.2	47.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 3000	36.6	47.4	49.6	51.4	52.4	52.9	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 2500	39.2	51.4	54.1	56.2	57.3	58.1	58.9	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 2000	42.4	57.0	60.5	63.4	64.9	65.9	66.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 1800	42.8	58.3	61.8	64.9	66.5	67.4	68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 1500	44.2	61.0	65.2	68.7	70.7	72.0	73.3	75.8	75.8	76.0	76.3	76.3	76.3	76.3	76.3	76.3
IV 1200	45.0	63.1	67.7	71.8	74.1	75.9	77.4	80.1	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6
IV 1000	45.3	64.5	69.4	73.9	76.5	79.0	82.7	83.6	83.6	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 900	45.4	65.0	70.1	74.4	77.4	79.2	85.9	84.8	84.8	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 800	45.5	65.3	70.6	75.6	78.6	80.2	85.7	86.7	86.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1
IV 700	45.6	65.6	71.0	76.2	79.2	80.9	86.6	87.6	87.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2
IV 600	45.6	65.8	71.3	76.6	80.1	81.6	87.8	89.0	89.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 500	45.6	66.0	71.6	77.2	80.5	82.3	83.8	90.4	90.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9
IV 400	45.6	66.1	71.8	77.5	81.1	83.0	89.9	91.6	91.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6
IV 300	45.6	66.1	71.8	77.6	81.2	83.3	90.5	92.3	92.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
IV 200	45.6	66.1	71.8	77.7	81.4	83.6	91.3	93.3	93.3	96.6	97.8	97.7	97.7	97.7	97.7	97.7
IV 100	45.6	66.1	71.8	77.7	81.4	83.7	91.3	93.4	93.5	96.9	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	45.6	66.1	71.8	77.7	81.4	83.7	91.3	93.4	93.5	96.9	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

94823
STATION

GTP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

0-74
YEARS

FEET
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	26.1	32.5	33.8	34.3	34.3	34.3	34.4	34.5	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	28.0	34.9	36.2	36.8	36.8	36.8	36.9	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 18000	28.1	35.0	36.3	36.9	36.9	36.9	37.0	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	28.1	35.1	36.4	37.0	37.0	37.0	37.1	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	28.2	35.2	36.5	37.1	37.1	37.1	37.2	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 12000	29.0	35.9	37.2	37.9	37.9	37.9	38.0	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000	29.8	37.0	38.3	39.0	39.0	39.0	39.1	39.2	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 9000	30.3	37.7	39.0	39.7	39.7	39.7	39.8	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 8000	31.4	39.2	40.5	41.3	41.3	41.3	41.4	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 7000	32.6	41.0	42.3	43.0	43.0	43.0	43.1	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 6000	35.7	45.4	46.9	47.6	47.6	47.6	47.8	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000	37.1	47.0	48.6	49.4	49.4	49.4	49.6	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4500	37.9	48.1	49.6	50.3	51.1	51.1	51.2	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000	40.3	51.3	52.8	53.9	54.4	54.4	54.7	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3500	41.7	53.2	54.8	56.1	56.6	56.6	57.1	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3000	45.4	57.6	59.2	60.9	61.3	61.3	61.8	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 2500	48.0	62.2	64.3	66.2	66.7	66.7	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	52.5	69.4	72.1	74.6	75.3	75.3	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	53.4	71.2	74.0	76.7	77.3	77.3	78.3	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1500	54.4	73.2	76.4	79.3	80.1	80.1	81.4	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	55.6	75.8	79.2	83.1	84.2	84.2	85.1	85.4	85.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	56.0	77.3	80.7	84.9	86.4	86.4	87.5	88.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	56.3	77.7	81.4	85.8	87.2	87.2	88.3	89.4	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	56.3	77.9	81.7	86.3	87.9	87.9	89.1	90.3	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	56.3	77.9	81.8	86.5	88.2	88.2	89.4	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	56.3	78.3	82.2	87.0	88.7	88.7	89.8	91.3	92.0	92.0	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	56.3	78.5	82.3	87.6	89.2	89.2	90.4	92.0	92.9	92.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	56.3	78.5	82.6	88.1	89.7	89.7	90.9	92.8	94.1	94.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	56.3	78.5	82.7	88.3	90.1	90.1	91.3	93.6	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	56.3	78.5	82.7	88.3	90.1	90.1	91.4	94.3	95.9	95.9	98.6	99.1	99.1	99.6	99.6	99.6
≥ 100	56.3	78.5	82.7	88.3	90.1	90.1	91.4	94.3	95.9	95.9	98.7	99.3	99.3	99.9	99.9	100.0
≥ 0	56.3	78.5	82.7	88.3	90.1	90.1	91.4	94.3	95.9	95.9	96.7	99.3	99.3	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 546

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

948.3
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

FEET
SCALE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
SCALES

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.2	≥.15	≥.1	≥.05	≥.0
NO CEILING	21.4	25.6	27.8	29.4	29.3	29.8	29.9	29.9	29.9	30.1	30.1	30.1	30.3	30.3	30.5	30.5
≥ 20000	23.9	29.9	31.0	32.4	33.1	33.1	33.2	33.2	33.3	33.5	33.5	33.5	33.6	33.6	33.8	33.8
≥ 18000	23.9	29.9	31.1	33.0	33.2	33.2	33.3	33.3	33.3	33.6	33.6	33.6	33.7	33.7	33.9	33.9
≥ 16000	23.9	29.9	31.1	33.7	33.2	33.2	33.3	33.3	33.3	33.6	33.6	33.6	33.7	33.7	33.9	33.9
≥ 14000	24.3	30.8	31.7	33.6	33.8	33.8	33.8	33.8	33.9	34.2	34.2	34.2	34.3	34.3	34.5	34.5
≥ 12000	24.3	31.4	32.6	34.5	34.8	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.5	35.5
≥ 10000	25.4	32.7	35.2	35.1	35.3	35.3	35.3	35.5	35.5	35.7	35.7	35.7	35.8	35.8	36.1	36.1
≥ 9000	26.3	33.9	34.8	36.9	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.4	37.5	37.5	37.7	37.7
≥ 8000	26.0	36.2	37.9	39.9	39.4	39.8	40.0	40.0	40.0	40.2	40.2	40.2	40.3	40.3	40.5	40.5
≥ 7000	29.0	37.7	39.8	41.1	41.9	41.9	41.9	41.9	41.9	41.8	41.8	41.8	41.9	41.9	42.2	42.2
≥ 6000	32.2	42.0	43.0	46.0	46.3	46.3	46.3	46.5	46.5	46.8	46.8	46.8	46.9	46.9	47.0	47.0
≥ 5000	32.3	42.9	44.0	47.2	47.3	47.5	47.5	47.9	47.9	48.1	48.1	48.1	48.2	48.2	48.5	48.5
≥ 4500	33.3	43.6	45.3	48.1	48.3	48.5	48.8	48.8	48.8	49.1	49.1	49.1	49.2	49.2	49.4	49.4
≥ 4000	35.3	46.7	48.9	51.3	51.3	51.9	52.1	52.1	52.1	52.4	52.4	52.4	52.5	52.5	52.7	52.7
≥ 3500	36.4	49.9	52.3	55.4	55.4	55.9	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.9	56.9
≥ 3000	40.2	54.0	56.3	59.9	60.1	60.5	60.9	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.5	61.5
≥ 2500	42.4	57.8	60.6	64.1	64.3	64.8	65.1	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.8	65.8
≥ 2000	46.7	64.7	69.3	73.9	74.6	75.1	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.4	76.4
≥ 1800	47.3	67.1	70.6	75.3	76.1	76.7	77.3	77.3	77.3	77.5	77.5	77.5	77.8	77.8	78.0	78.0
≥ 1500	48.2	69.4	72.9	78.5	79.0	80.3	81.3	81.3	81.3	81.6	81.6	81.6	81.8	81.8	82.0	82.0
≥ 1200	49.3	72.2	76.1	82.4	83.8	84.5	85.3	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.8	86.8
≥ 1000	49.6	73.3	78.0	84.5	85.9	86.9	88.3	88.4	88.4	88.7	88.7	88.7	88.9	88.9	89.1	89.1
≥ 900	49.6	73.4	78.1	84.8	86.3	87.2	88.8	88.9	88.9	89.1	89.1	89.1	89.4	89.4	89.6	89.6
≥ 800	49.6	74.3	79.1	85.8	87.3	88.4	90.0	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.8	90.8
≥ 700	49.4	74.5	79.2	86.1	87.7	88.7	90.2	90.4	90.4	90.7	90.7	90.7	90.9	90.9	91.3	91.3
≥ 600	49.8	74.9	79.8	86.4	88.5	89.5	91.0	91.3	91.3	91.5	91.5	91.5	91.7	91.7	92.1	92.1
≥ 500	49.9	75.1	80.1	87.5	89.2	90.2	92.0	92.4	92.4	92.9	92.9	92.9	93.3	93.3	93.6	93.6
≥ 400	49.9	75.1	80.3	87.9	90.0	90.9	92.7	93.3	93.3	94.1	94.1	94.1	94.5	94.5	95.0	95.0
≥ 300	49.9	75.1	80.3	87.9	90.1	91.4	93.9	94.1	94.1	95.5	95.5	95.5	96.5	96.5	96.9	96.9
≥ 200	49.9	75.1	80.3	87.9	90.1	91.4	94.1	94.5	94.5	95.9	97.2	97.2	98.5	98.5	98.9	98.9
≥ 100	49.9	75.1	80.3	87.9	90.1	91.4	94.2	95.0	95.0	97.2	97.5	97.5	98.6	98.6	99.4	99.4
≥ 0	49.9	75.1	80.3	87.9	90.1	91.4	94.2	95.0	95.0	97.2	97.5	97.5	98.6	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 840

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

94672
STATION

GTC PITTSBURGH IAP/PITTSBURGH, PA

10-71

Fe

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	14.3	27.4	21.4	24.5	25.7	24.4	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.0
≥ 20000	17.3	24.4	25.7	29.7	30.0	30.7	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4
≥ 18000	17.3	24.4	25.7	29.7	30.0	30.7	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4
≥ 16000	17.7	24.8	25.9	29.2	30.3	31.0	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5
≥ 14000	12.1	25.3	26.4	29.7	30.3	31.4	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.1
≥ 12000	19.0	27.1	28.3	31.4	32.7	33.5	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1
≥ 10000	20.3	28.6	29.8	33.1	34.3	35.0	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6
≥ 9000	21.3	29.9	31.1	34.4	35.6	36.3	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.1
≥ 8000	23.3	32.4	33.6	36.9	38.1	38.8	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5
≥ 7000	23.3	33.2	34.5	37.9	39.1	40.0	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7
IV 6000	26.1	37.2	38.5	42.2	43.0	44.6	45.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.7
IV 5000	26.8	37.3	39.5	42.9	44.3	45.3	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4
IV 4500	28.0	39.4	41.0	44.8	46.2	47.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.4
IV 4000	29.7	42.0	43.5	48.0	49.4	50.5	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.8
IV 3500	32.4	45.5	47.0	52.0	53.4	54.6	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.1
IV 3000	34.2	49.8	52.6	57.6	59.2	60.5	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.2
IV 2500	36.1	52.5	55.2	61.1	62.8	64.3	66.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.8
IV 2000	33.4	57.7	60.2	66.7	68.7	70.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9
IV 1800	38.5	58.0	61.5	66.3	70.3	72.0	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.7
IV 1500	39.8	61.2	64.3	71.7	73.9	75.9	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	79.0
IV 1200	41.0	63.1	67.6	75.7	78.1	80.3	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.4
IV 1000	41.6	64.5	69.5	77.8	80.4	82.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	87.5
IV 900	41.6	65.4	70.6	79.0	81.6	83.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.7
IV 800	41.6	65.7	70.9	79.7	82.4	84.8	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	89.7
IV 700	41.7	66.2	71.6	80.4	83.3	85.7	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	91.1
IV 600	42.1	66.9	72.3	81.3	84.3	86.9	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	93.0
IV 500	42.1	66.9	72.3	81.4	84.4	87.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	93.9
IV 400	42.1	66.9	72.3	81.7	84.6	87.5	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	95.5
IV 300	42.1	66.9	72.3	81.7	84.8	87.8	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	97.0
IV 200	42.1	66.9	72.3	81.9	85.0	88.1	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	99.3
IV 100	42.1	66.9	72.3	81.9	85.0	88.1	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	99.5
IV 0	42.1	66.9	72.3	81.9	85.0	88.1	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94663

GIR PITTSBURGH IAP/PITTSBURGH PA

10-71

1000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	15.8	27.9	26.7	28.3	29.0	29.9	31.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥20000	18.3	27.9	30.9	32.9	33.8	34.2	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥18000	18.4	27.9	31.0	32.9	33.9	34.3	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥16000	18.4	27.9	31.0	32.9	33.9	34.3	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥14000	18.7	28.4	31.6	33.4	34.9	35.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥12000	19.0	29.3	32.5	34.3	35.0	35.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥10000	19.9	30.7	33.9	35.7	37.0	37.4	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥9000	20.6	31.4	34.8	36.4	37.9	38.3	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥8000	21.5	32.4	36.2	37.9	39.4	39.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥7000	22.3	33.7	37.4	39.4	40.9	41.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥6000	23.8	34.4	40.8	43.3	45.0	45.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥5000	24.8	37.9	42.0	44.9	46.3	46.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥4500	25.3	38.3	42.8	45.4	47.2	47.6	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥4000	27.1	41.7	45.6	48.3	50.1	50.6	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥3500	29.4	44.1	48.8	51.7	53.4	53.9	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥3000	31.9	47.9	53.4	56.7	58.7	59.5	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥2500	33.9	50.8	55.8	60.0	62.4	62.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥2000	36.9	54.8	60.6	65.7	67.6	68.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥1800	37.3	56.5	62.3	66.8	69.4	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥1500	38.7	60.0	66.4	71.4	74.3	75.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥1200	39.5	61.9	68.7	73.9	76.5	76.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥1000	39.6	62.2	68.9	74.4	77.5	79.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥900	39.6	62.3	69.1	74.9	78.1	80.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥800	39.7	62.6	69.3	75.3	78.5	81.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥700	39.7	62.8	69.6	75.9	78.7	81.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥600	39.7	62.9	70.0	76.2	79.4	82.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥500	39.7	62.9	70.1	76.5	79.8	82.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥400	39.7	63.0	70.3	76.8	80.1	83.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥300	39.7	63.0	70.3	76.8	80.1	83.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥200	39.7	63.0	70.3	76.8	80.1	83.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥100	39.7	63.0	70.3	76.8	80.1	83.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥0	39.7	63.0	70.3	76.8	80.1	83.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

94823

GIP PITTSBURGH IAP/PITTSBURGH PA

10-79

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	23.1	27.2	28.1	28.5	23.7	27.8	28.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.3	29.3
≥ 20000	27.5	33.2	34.5	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.8	35.8
≥ 18000	27.5	33.2	34.5	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.8	35.8
≥ 16000	27.5	33.2	34.5	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.8	35.8
≥ 14000	27.7	33.5	34.8	35.2	35.3	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	36.1	36.1
≥ 12000	28.0	33.9	35.1	35.7	35.8	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.5	36.5
≥ 10000	28.5	34.4	35.8	36.4	36.5	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.2	37.2
≥ 9000	29.1	35.3	36.5	37.1	37.2	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.2	38.2
≥ 8000	30.1	36.5	37.4	38.5	38.5	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.6	39.6
≥ 7000	30.7	37.4	38.8	39.4	39.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.4	40.4
≥ 6000	32.4	39.6	41.3	41.8	42.2	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.9	42.9
≥ 5000	33.8	41.0	42.8	43.5	44.1	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.8	44.8
≥ 4500	34.5	41.7	43.5	44.4	44.8	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.5	45.5
≥ 4000	36.5	44.0	45.3	46.8	47.1	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.1	48.1
≥ 3500	38.2	46.3	48.5	49.8	50.4	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.4	51.4
≥ 3000	42.1	51.1	53.3	54.7	55.7	55.8	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7	56.7
≥ 2500	46.0	56.7	59.3	61.1	62.2	62.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.8	63.8
≥ 2000	51.2	64.8	68.0	71.3	72.3	73.3	74.3	75.2	75.2	75.4	75.4	75.4	75.4	75.5	75.7	75.7
≥ 1800	51.8	65.2	69.6	73.0	74.3	75.1	76.8	77.2	77.2	77.4	77.5	77.5	77.5	77.7	77.8	77.8
≥ 1500	52.7	69.3	72.9	76.9	78.1	79.4	81.9	82.5	82.5	83.0	83.1	83.1	83.1	83.2	83.3	83.3
≥ 1200	53.4	70.3	74.1	78.6	80.0	81.7	84.9	85.7	85.7	86.3	86.3	86.3	86.3	86.6	86.8	86.8
≥ 1000	53.5	70.8	74.9	79.8	81.6	82.6	87.4	88.2	88.2	89.1	89.1	89.1	89.1	89.4	89.6	89.6
≥ 900	53.7	71.1	75.3	80.3	82.3	84.3	88.2	89.0	89.0	90.1	90.4	90.4	90.4	90.5	90.7	90.7
≥ 800	53.7	71.2	75.5	80.3	82.6	84.8	89.1	90.0	90.0	91.5	91.8	91.8	91.8	92.0	92.1	92.1
≥ 700	53.7	71.4	75.7	80.7	83.0	85.1	89.9	90.4	90.4	92.2	92.6	92.6	92.6	92.7	92.8	92.8
≥ 600	53.7	71.4	75.8	81.1	83.5	85.7	90.2	91.1	91.1	93.3	93.7	93.7	93.7	93.9	94.0	94.0
≥ 500	53.7	71.4	75.9	81.2	83.6	85.8	90.4	91.4	91.4	93.9	94.9	94.9	94.9	95.2	95.3	95.3
≥ 400	53.8	71.6	76.2	81.7	84.2	86.5	91.5	92.6	92.7	95.2	96.3	96.3	96.3	96.7	96.8	96.8
≥ 300	53.8	71.6	76.2	81.7	84.2	87.1	91.8	93.0	93.1	96.0	97.3	97.3	97.3	97.8	97.9	97.9
≥ 200	53.8	71.6	76.2	81.7	84.2	87.1	91.8	93.1	93.3	96.2	97.9	97.9	97.9	99.1	99.3	99.3
≥ 100	53.8	71.6	76.2	81.7	84.2	87.1	91.8	93.1	93.3	96.2	97.9	97.9	97.9	99.2	99.4	99.5
≥ 0	53.8	71.4	76.2	81.7	84.2	87.1	91.8	93.1	93.3	96.2	97.9	97.9	97.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

245

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1886

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

10-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	28.7	31.9	32.5	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	33.0	33.0	33.0	33.0
≥ 20000	33.6	37.9	39.1	39.4	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	40.0	40.0	40.0	40.0
≥ 18000	33.5	38.1	39.4	39.5	39.6	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.2	40.2	40.2	40.2
≥ 16000	33.6	38.2	39.5	39.7	40.0	40.3	40.0	40.0	40.0	40.1	40.1	40.1	40.3	40.3	40.3	40.3
≥ 14000	33.9	38.5	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.7	40.7	40.7	40.7
≥ 12000	34.6	39.2	40.5	40.8	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5
≥ 10000	35.8	40.5	42.1	42.5	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	43.1	43.1	43.1	43.1
≥ 9000	36.4	41.1	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.5	43.5	43.5	43.5
≥ 8000	37.0	42.1	43.3	43.5	43.8	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.6	44.6	44.6	44.6
≥ 7000	38.4	43.7	45.1	45.5	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.2	46.2	46.2	46.2
≥ 6000	39.6	45.5	47.0	47.5	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.2	48.2	48.2	48.2
≥ 5000	40.4	46.7	48.2	48.7	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.4	49.4
≥ 4500	41.3	48.1	49.5	50.0	50.2	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.7	50.7	50.7	50.7
≥ 4000	43.7	50.2	52.0	52.5	53.1	53.1	53.3	53.3	53.3	53.4	53.4	53.4	53.7	53.7	53.7	53.7
≥ 3500	46.2	53.7	55.6	56.3	57.1	57.1	57.4	57.4	57.4	57.7	57.7	57.7	57.9	57.9	57.9	57.9
≥ 3000	50.4	58.7	60.5	61.7	62.9	63.0	63.5	63.5	63.5	63.7	63.7	63.7	63.9	63.9	63.9	63.9
≥ 2500	52.7	64.4	66.7	68.1	69.3	69.4	70.1	70.1	70.1	70.3	70.3	70.3	70.5	70.5	70.5	70.5
≥ 2000	57.2	70.6	73.6	75.3	76.6	76.5	77.3	78.3	78.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7
≥ 1800	57.3	71.2	74.2	76.0	77.3	77.5	79.1	79.1	79.1	79.3	79.3	79.3	79.6	79.6	79.6	79.6
≥ 1500	57.8	72.7	76.2	78.3	79.6	79.9	82.4	82.4	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.1
≥ 1200	57.9	73.2	76.8	79.1	80.9	81.2	84.4	84.8	84.8	85.3	85.3	85.3	85.6	85.6	85.6	85.6
≥ 1000	57.9	74.3	78.0	80.5	82.7	83.2	87.1	87.5	87.5	88.5	88.5	88.5	89.0	89.0	89.0	89.0
≥ 900	58.0	74.5	78.3	80.7	83.1	83.8	87.5	87.8	87.8	89.0	89.2	89.2	89.5	89.5	89.5	89.5
≥ 800	58.0	74.8	78.5	81.1	83.5	84.0	88.1	88.5	88.5	90.1	90.4	90.4	90.7	90.7	90.7	90.7
≥ 700	58.0	75.1	78.7	81.4	83.9	84.8	89.9	89.4	89.4	91.1	91.5	91.5	91.7	91.7	91.7	91.7
≥ 600	58.0	75.2	78.8	81.6	84.2	84.8	89.4	89.4	89.4	91.1	91.5	91.5	91.7	91.7	91.7	91.7
≥ 500	58.0	75.3	79.0	81.8	84.4	85.0	90.0	90.9	90.9	93.3	94.4	94.4	94.7	94.7	94.7	94.7
≥ 400	58.0	75.3	79.0	81.9	84.6	85.5	91.8	91.7	91.7	94.6	96.0	96.0	96.2	96.2	96.2	96.2
≥ 300	58.0	75.3	79.0	81.9	84.9	85.7	91.0	92.0	92.0	95.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 200	58.0	75.3	79.0	81.9	84.9	85.7	91.0	92.1	92.2	95.5	98.0	98.0	99.2	99.2	99.4	99.4
≥ 100	58.0	75.3	79.0	81.9	84.9	85.7	91.0	92.1	92.2	95.5	98.0	98.0	99.3	99.4	99.6	99.6
≥ 0	58.0	75.3	79.0	81.9	84.9	85.7	91.0	92.1	92.2	95.5	98.0	98.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

948.3
STATION

GTR PITTSB HGH IAP/PITTSBURGH, PA

10-7

FEET
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-000
MOON 15

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.4	37.1	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥20000	38.5	42.1	42.6	42.6	42.6	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 18000	38.7	42.2	42.7	42.7	42.9	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 16000	38.7	42.2	42.7	42.7	42.9	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 14000	38.9	42.4	42.9	42.9	43.1	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 12000	40.0	43.5	44.3	44.3	44.3	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 10000	40.7	44.7	45.2	45.2	45.6	45.7	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 9000	41.8	45.6	46.3	46.3	46.7	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 8000	42.2	45.6	47.3	47.3	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 7000	43.4	46.7	48.9	49.1	49.3	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 6000	46.6	51.7	52.6	53.0	53.2	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 5000	47.8	53.1	54.0	54.5	54.7	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 4500	48.3	54.7	55.3	55.4	55.6	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 4000	50.4	56.6	57.6	58.4	58.6	58.7	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 3500	52.6	58.6	60.9	61.9	62.2	62.3	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 3000	55.8	63.5	64.9	66.3	66.3	66.7	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 2500	58.9	68.4	70.2	71.3	72.0	72.3	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2000	62.3	75.3	77.8	79.1	79.7	80.0	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1800	62.4	75.8	78.3	79.4	80.3	80.6	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 1500	62.9	76.8	79.6	80.9	81.7	82.0	83.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1200	63.0	77.7	80.5	81.9	83.0	83.3	85.5	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1000	63.0	77.8	80.7	82.5	83.7	84.2	86.5	86.5	86.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	63.1	77.9	80.9	82.6	83.6	84.4	86.8	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 800	63.1	78.7	81.1	83.3	84.6	85.3	86.1	86.1	86.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 700	63.1	78.7	81.1	83.3	84.6	85.3	86.1	86.1	86.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 600	63.1	78.7	81.1	83.3	84.6	85.3	86.1	86.1	86.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 500	63.1	78.7	81.1	84.1	85.7	86.5	89.7	89.7	89.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 400	63.1	78.7	81.1	84.2	85.8	86.8	91.0	91.0	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 300	63.1	78.7	81.1	84.3	85.9	86.9	91.4	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 200	63.1	78.7	81.1	84.3	85.9	86.9	91.5	91.5	91.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	63.1	78.7	81.1	84.3	85.9	86.9	91.5	91.5	91.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 0	63.1	78.7	81.1	84.3	85.9	86.9	91.5	91.5	91.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-73
YEARS

FEET
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥0
NO CEILING	33.3	38.9	39.3	37.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	35.1	41.0	41.7	42.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	35.3	41.3	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	35.7	41.6	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	35.8	41.7	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000	36.0	42.0	43.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000	37.4	43.5	44.6	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000	39.0	45.5	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	40.4	47.0	48.1	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 7000	41.7	48.8	49.9	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000	44.3	51.9	53.1	53.7	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 5000	45.7	52.7	54.0	55.4	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	46.9	54.8	56.1	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	48.9	57.2	58.5	59.1	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 3500	51.1	60.7	61.3	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3000	53.7	64.1	65.5	66.7	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500	56.0	67.7	69.9	71.2	71.6	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	58.3	72.2	74.9	76.6	77.1	77.1	77.1	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	58.9	73.2	76.2	78.1	78.6	78.6	78.6	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	59.6	75.3	78.7	80.7	81.2	81.2	81.2	81.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1200	61.0	77.8	81.6	84.0	84.6	84.6	84.6	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	61.2	78.6	82.0	85.6	86.1	86.1	86.1	86.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	61.2	78.8	82.7	85.9	86.6	86.6	86.6	86.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	61.2	79.1	83.5	87.1	87.6	87.6	87.6	87.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	61.2	79.2	83.7	87.7	88.4	88.4	88.4	88.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	61.2	79.2	83.8	87.9	88.9	88.9	88.9	88.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	61.2	79.3	84.3	88.8	89.7	89.7	89.7	89.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	61.2	79.3	84.4	89.4	90.3	90.3	90.3	90.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	61.2	79.3	84.4	89.4	90.3	90.3	90.3	90.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 200	61.2	79.3	84.4	89.4	90.4	90.4	90.4	90.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 100	61.2	79.3	84.4	89.4	90.4	90.4	90.4	90.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0	61.2	79.3	84.4	89.4	90.4	90.4	90.4	90.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS 246

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LAUNCH SERVICE/AC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAF/PITTSBURGH PA
STATION NAME

1977
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	24.7	29.9	30.9	31.9	32.9	32.4	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	27.8	33.9	35.4	36.2	36.7	37.5	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
IV 18000	27.9	34.0	35.3	36.4	36.9	36.9	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 16000	28.0	34.1	35.4	36.5	36.9	37.7	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 14000	28.2	34.5	35.8	36.9	37.3	37.5	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 12000	28.9	35.4	36.8	37.9	38.4	38.5	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
IV 10000	29.7	36.5	37.9	39.0	39.5	39.5	39.9	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 9000	30.6	37.5	38.9	40.1	40.4	40.8	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 8000	31.8	39.1	40.0	41.1	42.2	42.4	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 7000	32.7	40.4	42.0	43.3	43.8	43.9	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 6000	35.1	43.7	45.5	46.9	47.3	47.7	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 5000	36.2	45.0	46.8	48.3	48.9	49.1	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 4500	37.0	46.0	47.9	49.5	50.1	50.3	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 4000	39.0	48.6	50.6	52.3	53.1	53.2	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 3500	41.3	51.5	53.8	55.7	56.5	56.7	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 3000	44.2	55.8	58.2	60.5	61.2	61.8	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 2500	46.2	60.0	62.8	65.4	66.4	66.9	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 2000	50.4	66.3	69.8	72.8	74.0	74.7	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 1800	50.9	67.4	70.8	74.2	75.4	76.1	77.5	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1500	51.8	69.6	73.4	77.2	78.5	79.4	81.3	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 1200	52.0	71.5	75.0	79.8	81.4	82.4	84.3	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1000	52.8	72.4	76.7	81.3	83.1	84.3	87.0	87.6	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 900	52.9	72.6	77.0	81.7	83.9	84.9	87.8	88.3	88.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2
IV 800	52.9	73.0	77.5	82.4	84.4	85.7	88.9	89.5	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 700	52.9	73.1	77.7	82.7	84.8	86.1	89.5	90.2	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 600	53.0	73.3	78.0	83.2	85.3	86.8	90.4	91.2	91.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 500	53.0	73.4	78.2	83.6	85.8	87.2	91.1	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 400	53.0	73.5	78.4	84.0	86.2	87.8	91.9	93.0	93.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 300	53.0	73.5	78.4	84.0	86.3	88.0	92.4	93.6	93.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 200	53.0	73.5	78.4	84.0	86.3	88.1	92.6	94.0	94.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	53.0	73.5	78.4	84.0	86.3	88.1	92.6	94.0	94.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 0	53.0	73.5	78.4	84.0	86.3	88.1	92.6	94.0	94.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY GRAPH
 USAF ETAC
 AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

94823
 STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
 STATION NAME

10-72
 YEARS

MAF
 LOCATION

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-1200
 HOURS - DAY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	20.3	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	32.0	38.4	38.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 18000	32.0	38.4	38.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 16000	32.0	38.4	38.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 14000	32.0	38.4	38.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 12000	34.1	41.0	41.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 10000	35.8	43.3	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 9000	38.3	46.7	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 8000	41.1	49.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 7000	42.6	51.9	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 6000	47.6	55.1	59.1	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 5000	49.3	60.9	62.0	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 4500	50.6	62.3	63.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 4000	52.6	64.9	66.2	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 3500	54.3	68.1	69.3	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 3000	56.3	71.6	73.3	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 2500	59.2	74.9	76.8	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 2000	62.3	79.9	82.3	84.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1800	62.9	80.9	83.2	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1500	64.2	82.9	85.3	87.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	65.4	84.5	87.3	89.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1000	65.7	85.1	88.1	90.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	65.9	85.4	88.8	91.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	65.9	85.9	89.2	91.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 700	65.9	86.9	90.0	92.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 600	66.0	86.9	90.3	93.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 500	66.0	86.9	90.3	93.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 400	66.0	86.9	90.3	93.3	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 300	66.0	86.9	90.3	93.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 200	66.0	86.9	90.3	93.5	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 100	66.0	86.9	90.3	93.5	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 0	66.0	86.9	90.3	93.5	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA SEARCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

948.3
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

1971-72
YEARS

0300-0500
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	25.4	31.4	32.5	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4
≥20000	27.5	34.0	35.2	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5
IN 18000	27.5	34.0	35.2	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5
IN 16000	27.7	34.2	35.4	35.7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.7	36.7
IN 14000	28.0	34.4	35.6	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.9	36.9
IN 12000	29.2	34.6	37.2	38.0	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9
IN 10000	30.8	34.8	39.7	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
IN 9000	31.0	35.0	41.7	42.4	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3
IN 8000	33.9	42.8	44.7	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
IN 7000	35.8	45.2	47.2	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2
IN 6000	39.9	50.4	52.9	53.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5
IN 5000	41.9	52.3	55.3	56.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6
IN 4500	43.1	54.8	57.1	58.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0
IN 4000	45.3	58.1	60.8	61.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
IN 3500	47.2	61.3	64.2	65.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3
IN 3000	49.0	64.5	68.0	69.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.7
IN 2500	51.1	67.8	71.1	73.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5
IN 2000	54.2	72.4	75.8	78.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.9	80.9
IN 1800	54.4	73.1	76.8	79.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.3	82.3
IN 1500	55.4	75.1	79.7	82.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	86.0	86.0
IN 1200	56.1	76.2	81.3	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	88.3	88.3
IN 1000	56.9	77.5	82.4	86.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	90.5	90.5
IN 900	57.1	78.3	83.1	87.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	91.6	91.6
IN 800	57.3	78.5	83.7	87.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	92.6	92.6
IN 700	57.3	79.1	84.1	88.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	93.3	93.3
IN 600	57.3	79.5	84.8	89.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	94.9	94.9
IN 500	57.3	79.7	85.2	89.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	96.7	96.7
IN 400	57.3	79.7	85.2	89.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	97.7	97.7
IN 300	57.3	79.7	85.2	90.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	98.6	98.6
IN 200	57.3	79.7	85.2	90.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	99.0	99.0
IN 100	57.3	79.7	85.2	90.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	99.7	99.7
IN 0	57.3	79.7	85.2	90.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

2-7,
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	18.6	25.1	27.1	28.4	29.2	27.7	29.8	27.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	22.7	30.7	32.0	34.7	35.1	30.1	33.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	37.0	37.0
≥ 18000	22.7	30.7	32.0	34.7	35.1	30.1	33.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	37.0	37.0
≥ 16000	22.7	30.7	32.0	34.7	35.1	30.1	33.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	37.0	37.0
≥ 14000	23.3	31.0	33.2	35.7	35.5	36.8	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5
≥ 12000	24.6	32.3	34.5	36.4	38.1	38.3	38.7	38.7	39.9	38.9	38.9	38.9	38.9	38.9	39.2	39.2
≥ 10000	25.9	33.0	36.0	38.5	40.2	40.5	40.9	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.5	41.5
≥ 9000	26.7	34.5	36.3	39.5	41.1	41.5	41.8	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.5	42.5
≥ 8000	28.1	36.2	38.8	41.5	43.3	43.8	44.2	44.3	44.3	44.5	44.5	44.5	44.5	44.5	44.8	44.8
≥ 7000	28.1	37.0	39.7	42.5	44.3	44.7	44.2	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.8	45.8
≥ 6000	31.8	41.2	44.4	47.3	49.2	50.7	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.3	51.3
≥ 5000	33.5	43.3	47.0	50.3	52.4	52.9	53.5	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 4500	34.2	44.4	48.1	51.6	53.4	54.3	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.9	55.9
≥ 4000	35.4	46.2	50.3	54.3	56.7	57.3	58.2	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.2	59.2
≥ 3500	37.2	48.6	52.9	57.1	59.2	59.4	61.0	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.5	62.5
≥ 3000	39.5	51.6	56.1	60.6	63.3	64.4	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8
≥ 2500	41.2	54.4	59.1	63.6	67.2	68.1	69.4	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.9	70.9
≥ 2000	44.3	58.9	63.9	68.5	72.3	73.4	75.9	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 1800	44.8	59.6	64.5	69.5	73.2	74.2	75.9	77.6	77.6	78.2	78.2	78.2	78.2	78.2	78.6	78.6
≥ 1500	46.1	61.8	67.1	72.3	76.2	77.2	78.5	81.4	81.4	81.9	81.9	81.9	81.9	81.9	82.4	82.4
≥ 1200	47.0	63.5	69.0	75.3	79.9	81.0	82.7	85.8	85.8	86.8	86.8	86.8	86.8	86.8	87.2	87.2
≥ 1000	47.0	64.6	70.4	76.5	81.3	82.9	84.7	88.3	88.3	89.4	89.4	89.4	89.4	89.4	89.8	89.8
≥ 900	47.0	64.8	71.0	77.4	82.4	83.9	85.1	89.5	89.5	90.6	90.6	90.6	90.6	90.6	91.1	91.1
≥ 800	47.1	65.7	71.4	78.3	83.0	84.3	85.1	90.5	90.5	91.9	92.0	92.0	92.0	92.0	92.5	92.5
≥ 700	47.2	65.6	71.8	79.2	84.2	86.1	87.4	92.2	92.2	93.7	93.8	93.8	93.8	93.8	94.2	94.2
≥ 600	47.2	65.6	72.3	79.9	84.9	86.8	88.1	93.0	93.1	94.7	94.8	94.8	94.8	94.8	95.3	95.3
≥ 500	47.2	65.7	72.4	80.0	84.9	86.9	88.4	93.4	93.5	95.7	95.8	95.8	95.8	95.8	96.3	96.3
≥ 400	47.2	65.7	72.4	80.2	85.2	87.2	88.8	94.1	94.2	96.5	96.8	96.8	96.8	96.8	97.3	97.3
≥ 300	47.2	65.7	72.4	80.2	85.2	87.2	88.8	94.1	94.2	96.5	96.8	96.8	96.8	96.8	97.3	97.3
≥ 200	47.2	65.7	72.4	80.2	85.2	87.2	88.8	94.1	94.2	96.5	96.8	96.8	96.8	96.8	97.3	97.3
≥ 100	47.2	65.7	72.4	80.2	85.2	87.2	88.8	94.1	94.2	96.5	96.8	96.8	96.8	96.8	97.3	97.3
≥ 0	47.2	65.7	72.4	80.2	85.2	87.2	88.8	94.1	94.2	96.5	96.8	96.8	96.8	96.8	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY DATA
USAF-ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0901-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	20.2	24.1	24.9	25.7	26.5	26.1	26.2	26.2	26.2	26.6	26.6	26.7	26.6	26.6	26.6	26.6
≥20000	24.1	29.1	30.9	31.8	32.4	32.9	33.0	33.3	33.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥18000	24.1	29.1	31.1	32.1	32.9	32.9	33.4	33.4	33.4	33.8	33.8	33.9	33.8	33.8	33.8	33.8
≥16000	24.6	29.7	31.7	32.7	32.9	33.4	33.5	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥14000	24.9	30.1	31.7	32.7	33.4	33.4	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥12000	25.7	31.1	32.0	33.4	34.3	34.7	35.3	35.3	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥10000	27.6	33.7	35.5	37.1	37.8	37.9	38.5	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥9000	28.4	34.4	35.6	37.4	38.7	38.8	39.4	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥8000	29.5	36.0	38.0	39.7	40.9	40.9	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥7000	30.4	37.6	40.0	41.9	43.1	43.2	43.9	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥6000	32.3	40.7	42.3	44.7	45.9	46.2	47.0	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥5000	33.7	41.5	44.1	46.3	47.9	47.8	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥4500	34.7	42.6	45.3	47.9	48.7	49.1	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥4000	36.1	44.9	46.7	50.3	51.0	52.1	52.2	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥3500	38.9	48.3	51.4	54.3	55.1	55.7	56.7	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥3000	44.6	55.1	58.0	61.3	62.9	63.9	64.6	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥2500	46.2	57.2	61.1	64.3	66.2	67.1	68.4	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥2000	49.9	62.7	66.3	70.3	72.3	73.3	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥1800	50.5	63.9	68.4	71.9	73.3	75.1	76.6	76.6	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥1500	51.9	65.8	71.4	75.1	77.1	78.5	81.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥1200	52.3	66.3	73.8	77.6	79.9	81.8	84.9	85.3	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥1000	52.6	69.5	74.9	79.1	81.6	84.0	87.6	88.1	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥900	52.5	69.9	75.3	79.8	82.1	84.5	88.3	88.7	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥800	52.6	70.1	75.9	80.2	82.7	85.5	89.4	90.2	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥700	52.6	70.4	76.3	81.3	84.2	87.1	91.0	92.2	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥600	52.6	70.6	76.7	81.7	84.5	87.7	91.3	93.4	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥500	52.6	70.6	76.7	81.8	84.8	88.0	91.6	94.3	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥400	52.6	70.6	76.3	82.0	85.1	88.3	91.4	95.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥300	52.6	70.5	76.8	82.3	85.1	88.4	91.8	95.7	95.8	97.0	97.7	97.7	97.7	97.7	97.7	97.7
≥200	52.6	70.5	76.8	82.3	85.1	88.4	91.9	95.9	96.0	97.3	98.3	98.9	99.5	99.5	99.5	99.5
≥100	52.6	70.4	76.8	82.3	85.1	88.4	91.9	96.0	96.1	97.4	98.3	99.0	99.8	99.8	99.8	100.0
≥0	52.6	70.6	76.8	82.0	85.1	88.4	91.9	96.0	96.1	97.4	98.0	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 101-64 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

94823
STATION

GTP PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

1977
YEAR

1200-1400
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	20.4	21.1	31.3	31.4	31.4	31.5	31.5	1.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 25000	34.1	37.5	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000	34.2	37.4	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 16000	34.2	37.5	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000	34.3	37.6	38.1	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	35.7	39.1	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 10000	37.1	41.1	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 9000	39.2	42.8	43.0	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 8000	39.2	44.1	44.4	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 7000	39.7	44.7	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 6000	42.4	47.8	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000	43.4	49.0	49.7	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4500	45.1	50.9	51.5	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	48.3	55.2	55.9	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500	51.4	59.6	59.8	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 3000	55.5	64.3	65.3	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2500	56.3	68.6	70.1	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	62.3	74.2	76.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	62.6	75.4	77.4	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1500	63.6	78.2	80.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	64.5	80.2	82.4	85.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	64.7	82.5	84.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	64.8	81.2	84.0	87.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	64.9	81.7	84.9	88.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	64.9	81.8	85.1	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	64.9	81.9	85.4	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 500	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 400	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 300	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 200	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 100	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 0	64.9	81.9	85.5	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATE DATA
USAF ETAC
AIR LATER SERVICE/AC

CEILING VERSUS VISIBILITY

94823
STATION

GIE PITTSBURGH IAP/PITTSBURGH
STATION NAME

3-7
YEAR

16
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1570-1700
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	28.2	27.4	30.3	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	30.0	29.7	40.2	40.2	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000	30.2	29.9	40.3	40.4	40.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 16000	30.2	29.9	40.3	40.4	40.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 14000	35.7	40.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 12000	40.3	42.5	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000	41.0	43.7	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 9000	42.7	44.7	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 8000	43.3	45.9	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 7000	44.4	47.7	47.6	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000	45.0	47.3	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 5000	51.7	55.7	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500	52.7	57.0	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4000	56.2	61.2	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3500	56.8	64.7	65.8	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	63.1	70.2	72.0	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	60.1	75.9	77.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	68.7	80.9	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	68.2	81.7	84.4	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	69.7	82.9	86.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	70.0	84.7	87.4	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 300	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 200	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 100	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 0	70.4	84.4	88.1	90.9	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SPACE
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94600 AIR PITTSP FOR IAP/PITTSBURGH PA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	33.3	34.7	35.4	35.4	35.0	35.4	35.0	35.4	35.5	35.6	35.6	35.5	35.3	35.0	35.0	35.4
≥ 20000	41.7	44.9	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 13000	41.9	44.9	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 6000	42.4	45.3	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 4000	42.8	45.9	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2000	44.2	47.2	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 1000	45.8	47.7	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 500	47.0	50.5	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 300	48.6	52.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 200	50.2	54.5	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 1500	52.2	56.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1000	56.1	62.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	57.0	63.2	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4000	60.2	67.0	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3500	61.9	69.1	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	63.3	72.4	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	65.1	75.1	77.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	68.1	80.2	82.3	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	68.4	81.2	83.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	69.1	82.5	85.4	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	69.4	83.4	86.1	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	69.3	84.4	87.0	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	69.6	84.7	88.1	90.6	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	69.3	85.2	88.6	91.3	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	69.3	85.3	88.7	91.3	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	69.3	85.3	88.7	91.3	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	69.8	85.3	88.8	92.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 400	69.8	85.4	88.9	92.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	69.8	85.4	88.9	92.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	69.3	85.4	88.9	92.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	69.3	85.4	88.9	92.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 0	69.3	85.4	88.9	92.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALCOA CLIMATE DIVISION
USAF-ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

9487 011 PITTSBURGH IAH7-ITISAO 3 PA 1-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2106-300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	31.4	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 7000	37.1	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	37.1	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 6000	37.5	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000	38.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	39.4	42.9	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 10000	41.3	44.2	46.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 9000	43.3	45.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	45.4	47.3	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000	49.1	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	54.3	62.1	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	58.1	63.7	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500	58.1	64.7	65.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	59.1	67.7	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	61.2	70.3	71.3	72.0	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	63.3	74.0	75.2	76.1	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	65.6	76.9	78.2	79.2	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000	68.6	81.9	82.3	84.4	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	69.0	82.3	83.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	69.8	83.9	85.3	87.3	88.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	70.6	85.4	87.3	89.1	90.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	70.8	85.7	88.0	90.5	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	70.3	86.2	88.4	91.2	92.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	70.9	86.9	89.3	92.2	93.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	71.1	87.2	89.3	92.6	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	71.1	87.7	89.6	92.9	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	71.1	87.7	89.6	92.9	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	71.1	87.7	89.6	92.9	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	71.2	87.8	90.2	93.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	71.2	87.8	90.2	93.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	71.2	87.8	90.2	93.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	71.2	87.8	90.2	93.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1892

GLOBAL CLIMATE DATA
USAF-ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 0-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES																	
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
NO CEILING	20.0	27.5	31.3	31.7	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	
≥ 20000	32.2	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 18000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 16000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 14000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 12000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 10000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 9000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 8000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 7000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 6000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 5000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 4500	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 4000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 3500	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 3000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 2500	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 2000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 1800	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 1500	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 1200	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 1000	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 900	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 800	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 700	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 600	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 500	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 400	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 300	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 200	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 100	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
≥ 0	32.3	34.9	37.7	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA CENTER
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

948.3 GIP PITTSBURGH IAP/PITTSBURGH PA

D-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1200
05/11/55

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥5	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
NO CEILING	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥20000	45.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥18000	45.2	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥16000	45.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥14000	45.2	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥12000	45.3	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥10000	50.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥9000	53.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥8000	55.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥7000	59.6	65.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥6000	62.2	71.4	70.4	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥5000	62.2	71.4	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥4500	63.6	73.1	73.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥4000	65.3	75.4	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥3500	66.9	76.7	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥3000	69.7	81.6	82.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥2500	71.0	83.1	84.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥2000	72.1	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥1800	72.7	85.3	86.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥1500	73.3	86.9	88.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥1200	74.3	88.7	90.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥1000	74.9	89.7	91.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥900	75.1	89.7	91.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥800	75.6	90.1	92.2	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥700	75.8	90.6	92.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥600	76.1	91.7	93.2	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥500	76.2	91.1	93.4	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥400	76.2	91.1	93.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥300	76.2	91.1	93.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥200	76.2	91.1	93.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥100	76.2	91.1	93.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥0	76.2	91.1	93.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 200

USAF ETAC D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MODEL CLIMATOLOGY STATION
USAF ETAC
AIR CENTER SERVICE/NAF

CEILING VERSUS VISIBILITY

94823 GIE PITTSBURGH IAP/REISB...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	30.4	47.2	43.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2-20000	36.9	45.9	47.3	48.5	48.7	47.9	47.8	45.3	45.3	47.8	48.3	47.1	43.8	48.8	48.8	49.0
2-8000	36.9	45.7	47.4	48.7	48.1	47.9	47.9	45.9	45.9	47.9	48.9	47.9	45.9	48.9	48.9	49.2
2-5000	37.2	46.3	48.2	49.7	48.4	47.2	47.2	47.2	49.2	47.2	49.2	49.2	49.2	49.2	49.2	49.2
2-4000	39.3	46.8	48.7	49.4	49.0	48.7	47.7	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2-3000	41.9	47.9	51.9	52.8	52.4	52.9	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
2-2000	44.4	54.0	56.0	57.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2-1000	46.7	55.7	57.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2-800	49.7	57.0	61.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
2-700	50.7	57.6	62.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
2-600	53.9	58.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2-500	56.3	57.1	70.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2-400	57.9	57.1	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
2-300	59.4	71.2	73.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2-200	60.8	72.9	75.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2-100	62.0	74.3	77.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2-800	63.7	74.3	79.0	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2-700	65.1	77.7	83.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2-600	66.4	81.7	84.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
2-500	67.4	82.4	85.3	87.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2-400	68.2	84.3	87.1	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2-300	68.9	85.4	88.7	91.1	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2-200	69.1	85.7	89.2	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2-100	69.4	86.8	90.1	93.2	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2-800	69.4	87.2	90.8	94.0	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2-700	69.4	87.5	91.4	95.1	95.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2-600	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-500	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-400	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-300	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-200	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-100	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2-0	69.6	88.7	92.0	95.9	95.0	95.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY STATION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTP PITTSBURGH IAP/PITTSBURGH PA

0-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	25.4	34.3	36.1	36.5	40.7	40.7	40.8	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	29.0	39.9	41.7	44.4	46.4	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	29.0	39.9	41.7	44.4	46.4	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	29.0	39.9	41.7	44.4	46.4	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	29.0	39.9	41.7	44.4	46.4	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	29.0	39.9	41.7	44.4	46.4	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 10000	32.1	44.1	46.6	49.0	52.3	52.6	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 9000	33.4	45.7	48.4	51.9	54.2	54.7	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	34.6	47.2	50.0	53.9	56.4	57.3	57.3	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	35.3	48.9	52.0	56.0	58.6	59.0	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	39.7	53.9	57.4	61.8	64.4	64.9	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	40.8	55.4	59.0	62.4	66.7	66.8	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	41.9	56.7	60.3	64.4	67.8	68.1	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	42.9	58.7	62.4	67.1	69.7	70.3	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	44.1	60.7	64.1	68.1	71.4	72.1	72.9	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	45.0	61.7	65.4	70.7	73.6	74.2	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	46.2	63.2	67.4	72.4	75.3	76.3	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	48.7	66.9	71.3	76.8	79.8	80.8	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	49.2	67.9	72.4	77.9	80.9	81.9	83.1	83.1	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1500	49.9	69.9	74.7	80.1	83.2	84.2	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	50.3	71.7	76.6	82.4	85.8	86.8	88.3	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	50.7	72.0	77.7	83.9	87.2	88.4	90.3	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	50.8	72.0	78.6	85.7	88.4	89.8	91.8	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	50.8	72.3	79.4	85.9	89.0	90.4	92.0	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	50.9	74.0	80.2	86.8	90.0	92.2	94.6	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	50.9	74.2	80.7	87.7	92.0	93.6	96.0	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	50.9	74.2	80.8	88.1	92.8	94.1	96.7	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	50.9	74.2	80.8	88.1	92.8	94.4	97.4	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	50.9	74.2	80.8	88.1	92.8	94.4	97.8	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	50.9	74.2	80.8	88.1	92.8	94.4	97.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	50.9	74.2	80.8	88.1	92.8	94.4	97.8	98.4	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	50.9	74.2	80.8	88.1	92.8	94.4	97.8	98.4	98.4	99.2	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA

70-7

YEARS

MP

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.1	33.2	38.3	40.1	40.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	37.6	42.2	44.0	40.2	46.3	44.4	47.4	43.4	40.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 18000	37.7	42.9	44.7	46.3	46.4	46.5	47.0	43.6	43.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000	37.8	44.7	45.1	46.4	47.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	38.0	46.7	45.4	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	39.0	46.7	47.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 10000	41.6	49.9	49.8	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	42.7	50.3	51.2	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000	44.1	57.4	53.1	55.7	55.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	45.3	57.9	55.0	57.1	57.0	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000	47.3	56.8	58.8	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 5000	48.6	58.6	60.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4500	49.9	60.2	62.1	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	52.1	62.7	64.7	67.7	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	54.4	65.2	67.3	70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	57.4	68.4	70.6	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	60.7	72.0	74.1	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	63.8	76.0	78.2	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	64.6	77.1	79.3	82.4	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1500	65.6	79.7	82.3	85.8	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	66.3	81.2	84.1	88.2	88.9	89.8	89.7	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	67.1	82.3	85.0	90.1	91.0	91.8	92.3	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	67.2	82.9	86.7	91.2	92.2	93.0	93.7	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	67.3	83.4	87.3	92.2	93.3	94.7	95.4	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	67.6	83.8	88.0	92.9	94.6	95.4	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	67.6	84.0	88.2	93.2	94.9	95.9	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	67.6	84.0	88.2	93.4	95.3	96.6	97.3	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	67.6	84.0	88.2	93.7	95.6	97.0	97.8	98.3	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥ 300	67.6	84.0	88.2	93.7	95.6	97.1	97.9	98.8	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 200	67.6	84.0	88.2	93.7	95.6	97.1	97.9	98.9	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	67.6	84.0	88.2	93.7	95.6	97.1	97.9	98.9	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	67.6	84.0	88.2	93.7	95.6	97.1	97.9	98.9	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

946.2
STATION

GIP PITTSBURGH IAP/PITTSBURGH - PA
STATION NAME

1-7

YEARS

AP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
SUN. 15

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1	≥ 0
NO CEILING	34.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 20000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 10000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 9000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 8000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 6000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 5000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 4500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 4000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 3500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 3000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 1800	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 1500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 1200	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 1000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 900	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 800	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 700	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 600	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 500	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 400	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 300	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 200	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 100	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑	≥0
NO CEILING	36.3	37.4	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	44.1	46.1	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	44.2	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 16000	44.3	46.3	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 14000	45.0	47.0	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 12000	47.0	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 10000	50.1	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 9000	51.0	53.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 8000	53.2	55.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 7000	54.4	57.4	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 6000	59.4	63.3	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 5000	63.0	67.1	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 4500	65.7	70.2	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4000	69.4	74.4	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 3500	72.8	78.0	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3000	74.6	80.1	81.2	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	76.6	82.4	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 2000	78.4	85.6	86.9	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	78.6	86.2	87.8	88.4	88.9	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1500	79.6	87.7	89.1	90.4	91.1	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1200	80.4	89.2	91.2	92.7	93.3	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	80.9	90.2	92.2	93.7	94.3	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	80.9	90.3	92.7	94.2	95.1	95.7	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	80.9	90.7	93.1	94.7	95.8	96.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	80.9	90.7	93.2	94.9	96.0	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	80.9	90.9	93.3	95.1	96.4	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	80.9	90.8	93.4	95.3	96.8	97.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	80.9	90.8	93.4	95.4	96.9	97.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	80.9	90.8	93.6	95.6	97.0	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	80.9	90.8	93.6	95.6	97.0	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	80.9	90.8	93.6	95.6	97.0	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	80.9	90.8	93.6	95.6	97.0	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

94527
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

10-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	38.9	47.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	48.0	51.4	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	48.1	51.6	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	48.2	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	49.1	52.7	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	51.2	55.1	55.7	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	52.3	56.6	57.1	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	53.7	58.7	58.4	59.2	59.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	56.4	62.1	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	57.8	64.7	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	64.1	72.2	73.0	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	66.1	74.6	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	67.8	76.4	77.2	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	70.4	79.8	80.8	81.2	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	72.7	82.1	83.2	83.7	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	74.2	84.0	85.2	85.8	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	75.3	85.3	86.7	87.2	87.9	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	76.0	86.5	88.3	88.9	89.6	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	76.1	87.0	88.6	89.1	89.8	90.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	76.8	88.0	89.8	90.4	91.2	91.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	77.4	89.0	91.0	92.0	92.9	93.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	77.6	89.8	91.8	93.0	94.1	94.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	77.7	90.2	92.4	93.7	94.8	95.1	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	77.8	90.8	93.0	94.5	95.7	96.0	97.3	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	77.8	90.8	93.2	95.0	96.1	96.4	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	77.8	90.8	93.2	95.0	96.1	96.4	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	77.8	90.8	93.2	95.1	96.2	96.6	98.2	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	77.8	90.9	93.4	95.4	96.7	97.1	98.8	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	77.8	90.9	93.4	95.4	96.7	97.1	98.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.8	90.9	93.4	95.4	96.7	97.1	98.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.8	90.9	93.4	95.4	96.7	97.1	98.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.8	90.9	93.4	95.4	96.7	97.1	98.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

10-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	43.6	46.8	47.0	47.0	47.2	47.2	47.3	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	49.6	52.9	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	45.9	53.2	53.4	53.4	53.7	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	49.0	53.3	53.6	53.6	53.8	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	49.0	54.0	54.2	54.2	54.4	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	51.3	56.2	56.4	56.4	56.7	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	53.7	59.4	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	55.1	61.3	61.6	61.6	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	57.6	64.4	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	60.1	67.1	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	64.2	71.6	71.4	71.4	72.1	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	66.1	73.9	74.0	74.1	74.3	74.4	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	68.5	76.0	76.2	76.4	76.7	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	71.1	79.8	80.2	80.9	81.3	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	73.0	82.1	82.7	83.3	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	75.7	85.7	86.2	87.0	87.4	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	76.4	87.0	87.6	88.3	88.8	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	77.9	89.2	89.8	90.6	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	78.2	89.9	90.6	91.3	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	78.7	90.6	91.4	92.2	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	79.4	91.7	92.8	93.6	94.4	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	79.7	92.3	93.6	94.5	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	79.7	92.3	93.6	94.6	95.6	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	79.8	92.8	94.0	95.0	96.0	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	79.9	92.9	94.2	95.2	96.2	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	79.9	93.2	94.8	95.9	97.0	97.2	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	79.9	93.4	95.0	96.1	97.6	97.8	98.1	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	79.9	93.6	95.1	96.3	97.8	98.3	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	79.9	93.6	95.1	96.3	97.8	98.3	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	79.9	93.6	95.2	96.4	97.9	98.4	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.9	93.6	95.2	96.4	97.9	98.4	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.9	93.6	95.2	96.4	97.9	98.4	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-75
YEAR

AP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	36.0	40.1	40.0	41.4	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	41.7	46.7	47.6	48.3	48.6	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	41.8	46.9	47.7	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	42.0	47.2	48.0	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	42.5	47.8	48.6	49.4	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	44.2	50.0	50.8	51.7	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 10000	46.4	52.7	53.6	54.5	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	47.9	54.5	55.4	56.4	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000	50.1	57.1	58.1	59.3	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	51.5	58.9	60.0	61.1	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	55.7	64.0	65.4	66.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 5000	57.6	66.3	67.7	69.1	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	59.4	68.3	69.8	71.2	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	61.9	71.3	72.9	74.5	75.0	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	64.1	73.9	75.6	77.2	77.8	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	66.4	75.7	78.4	80.2	80.8	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	68.2	78.8	80.6	82.4	83.1	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	70.7	81.9	83.7	85.7	86.3	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	70.8	82.4	84.4	86.4	87.1	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	71.3	84.0	86.2	88.4	89.2	89.5	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	72.1	85.4	87.9	90.4	91.3	91.7	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	72.5	86.3	89.1	91.5	92.6	93.3	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 900	72.6	86.7	89.6	92.4	93.5	94.0	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	72.8	87.2	90.2	93.1	94.3	94.8	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	72.8	87.4	90.6	93.6	94.9	95.5	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	72.9	87.7	90.9	94.1	95.6	96.1	97.1	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	72.9	87.8	91.1	94.3	96.0	96.6	97.6	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	72.9	87.8	91.2	94.7	96.3	97.0	98.1	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	72.9	87.8	91.2	94.7	96.3	97.1	98.6	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	72.9	87.8	91.2	94.7	96.3	97.1	98.6	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	72.9	87.8	91.2	94.7	96.3	97.1	98.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	72.9	87.8	91.2	94.7	96.3	97.1	98.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
-05-15

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	41.4	50.2	51.4	52.3	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
≥ 20000	45.1	54.1	55.4	56.2	57.2	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 18000	45.1	54.1	55.4	56.2	57.2	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 16000	45.2	54.2	55.5	56.3	57.3	57.4	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
≥ 14000	45.3	54.5	55.9	56.5	57.7	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 12000	47.0	56.8	58.3	59.2	60.2	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 10000	48.9	60.0	61.7	62.7	63.9	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
≥ 9000	51.7	63.1	64.9	66.1	67.3	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4
≥ 8000	53.3	65.5	67.5	68.7	70.0	70.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 7000	55.1	67.6	69.7	70.9	72.3	72.5	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.5
≥ 6000	58.8	72.8	75.1	76.5	78.0	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 5000	60.1	74.4	76.8	78.2	79.7	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 4500	60.9	75.3	77.7	79.1	80.8	81.0	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.2
≥ 4000	61.8	76.9	79.4	80.9	82.5	82.7	83.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 3500	62.5	78.1	80.8	82.5	84.1	84.3	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5
≥ 3000	63.7	79.8	82.4	84.2	85.8	86.0	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.4
≥ 2500	64.2	80.2	83.1	85.2	86.8	87.0	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.4
≥ 2000	65.3	82.3	85.4	87.7	89.4	89.5	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	91.0
≥ 1800	65.3	82.4	85.5	87.8	89.5	89.7	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.9	91.1
≥ 1500	65.3	82.9	86.2	88.7	90.3	90.5	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.8	92.0
≥ 1200	65.3	83.8	87.1	89.7	91.4	91.7	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.4
≥ 1000	65.3	83.9	87.2	89.9	91.6	92.3	93.1	93.5	93.5	93.8	93.8	93.8	93.8	93.9	93.9	94.1
≥ 900	65.3	83.9	87.2	89.9	91.6	92.3	93.1	93.5	93.5	93.8	93.8	93.8	93.8	93.9	93.9	94.1
≥ 800	65.3	84.0	87.3	90.1	92.0	92.3	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.4
≥ 700	65.3	84.1	87.5	90.5	92.6	93.1	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.9
≥ 600	65.3	84.2	87.7	91.0	93.4	93.8	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.6
≥ 500	65.3	84.4	88.1	91.4	93.4	94.5	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.3
≥ 400	65.3	84.4	88.3	91.9	94.6	95.9	97.0	97.6	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.3
≥ 300	65.6	84.5	88.4	92.0	94.9	96.2	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	99.0
≥ 200	65.6	84.5	88.4	92.2	95.1	96.3	97.8	98.6	98.6	99.1	99.2	99.2	99.2	99.4	99.4	99.6
≥ 100	65.6	84.5	88.4	92.2	95.1	96.3	97.8	98.6	98.6	99.4	99.7	99.7	99.7	99.8	99.8	100.0
≥ 0	65.6	84.5	88.4	92.2	95.1	96.3	97.8	98.6	98.6	99.4	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94023
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥½	≥¼	≥0
NO CEILING	27.5	39.9	42.2	44.5	45.2	45.3	46.2	46.6	46.6	47.0	47.0	47.0	47.3	47.3	47.5	47.7
≥ 20000	29.2	42.7	45.4	47.5	49.1	49.2	50.0	51.0	51.0	51.5	51.5	51.5	51.8	51.8	52.0	52.3
≥ 18000	29.4	42.8	45.5	47.7	49.2	49.4	50.0	51.0	51.1	51.6	51.6	51.6	51.9	51.9	52.2	52.4
≥ 16000	29.4	42.8	45.5	47.7	49.2	49.4	50.0	51.0	51.2	51.7	51.7	51.7	52.2	52.2	52.4	52.6
≥ 14000	29.6	43.4	46.1	48.4	49.4	50.0	51.4	51.8	51.8	52.4	52.4	52.4	52.8	52.8	53.0	53.2
≥ 12000	31.2	45.1	47.7	50.1	51.7	51.8	53.2	53.7	53.7	54.2	54.2	54.2	54.6	54.6	54.8	55.1
≥ 10000	33.4	48.7	51.4	53.8	55.5	55.8	57.2	57.6	57.6	58.2	58.2	58.2	58.6	58.6	58.8	59.0
≥ 9000	35.5	51.3	54.2	56.5	58.5	58.9	60.2	60.6	60.6	61.3	61.3	61.3	61.7	61.7	61.9	62.2
≥ 8000	36.7	53.0	56.2	59.0	60.9	61.2	62.7	63.1	63.1	63.8	63.8	63.8	64.2	64.2	64.4	64.6
≥ 7000	37.5	54.5	57.8	61.1	63.0	63.4	64.9	65.4	65.4	66.0	66.0	66.0	66.5	66.5	66.7	66.9
≥ 6000	40.8	59.9	63.0	67.3	69.6	70.1	71.7	72.3	72.3	72.9	72.9	72.9	73.3	73.3	73.5	73.8
≥ 5000	41.7	61.6	65.7	69.3	71.5	72.0	73.7	74.2	74.2	74.8	74.8	74.8	75.3	75.3	75.5	75.7
≥ 4500	41.9	62.2	66.3	70.0	72.3	72.8	74.4	74.9	74.9	75.6	75.6	75.6	76.0	76.0	76.2	76.5
≥ 4000	42.8	63.2	67.4	71.3	71.5	74.3	75.9	76.5	76.5	77.1	77.1	77.1	77.5	77.5	77.7	78.0
≥ 3500	43.2	64.2	68.6	72.6	74.0	75.6	77.2	77.7	77.7	78.4	78.4	78.4	78.8	78.8	79.0	79.2
≥ 3000	44.7	65.9	70.5	74.5	76.4	77.9	79.1	79.7	79.7	80.4	80.4	80.4	80.9	80.9	81.1	81.3
≥ 2500	45.3	67.0	71.9	76.1	78.4	79.2	81.0	81.5	81.5	82.3	82.3	82.3	82.7	82.7	82.9	83.1
≥ 2000	46.7	69.2	74.2	78.6	81.1	81.8	83.5	84.1	84.1	84.8	84.8	84.8	85.3	85.3	85.5	85.7
≥ 1800	46.8	69.8	74.7	79.1	81.5	82.4	84.1	84.7	84.7	85.5	85.5	85.5	85.9	85.9	86.1	86.3
≥ 1500	46.8	70.5	75.5	80.1	82.5	83.3	85.3	86.1	86.1	86.9	87.0	87.0	87.4	87.4	87.6	87.8
≥ 1200	47.1	71.8	76.9	81.6	84.0	84.8	86.9	87.7	87.7	88.6	88.7	88.7	89.1	89.1	89.4	89.6
≥ 1000	47.2	72.2	77.3	82.2	84.6	85.8	88.0	88.8	88.8	89.6	89.8	89.8	90.3	90.3	90.5	90.8
≥ 900	47.2	72.3	77.4	82.3	85.1	85.0	88.2	89.0	89.0	90.0	90.1	90.1	90.5	90.5	90.8	91.0
≥ 800	47.2	72.4	77.6	82.7	85.3	86.5	88.6	89.6	89.6	90.5	90.6	90.6	91.1	91.1	91.3	91.5
≥ 700	47.2	72.5	77.7	83.1	86.2	87.2	89.4	90.3	90.3	91.3	91.4	91.4	91.8	91.8	92.0	92.3
≥ 600	47.3	72.9	78.4	84.1	87.2	88.3	90.5	91.5	91.5	92.5	92.6	92.6	93.0	93.0	93.3	93.5
≥ 500	47.3	73.2	78.8	84.7	88.3	89.7	92.6	93.1	93.1	94.1	94.2	94.2	94.7	94.7	95.1	95.3
≥ 400	47.3	73.3	79.1	85.4	89.4	91.1	93.8	94.9	94.9	96.0	96.2	96.2	96.8	96.8	97.1	97.3
≥ 300	47.3	73.3	79.1	85.4	89.4	91.1	94.7	95.9	95.9	97.0	97.2	97.2	97.8	97.8	98.2	98.4
≥ 200	47.3	73.3	79.1	85.4	89.4	91.8	94.8	96.0	96.0	97.1	97.4	97.4	98.2	98.2	98.5	98.7
≥ 100	47.3	73.3	79.1	85.4	89.4	91.8	94.8	96.0	96.0	97.1	97.5	97.5	98.5	98.5	98.8	99.4
≥ 0	47.3	73.3	79.1	85.4	89.4	91.8	94.8	96.0	96.0	97.1	97.5	97.5	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79
YEARS

4AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
TIME PERIOD

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥.	≥0	≥0
NO CEILING	16.4	33.3	35.8	38.2	39.7	41.0	42.5	43.0	43.0	43.9	43.9	43.9	44.2	44.3	44.5	44.5	44.5
≥ 20000	20.1	36.8	39.9	42.9	44.6	45.0	47.8	48.4	48.4	49.2	49.2	49.2	49.7	49.7	49.9	49.9	49.9
IV 18000	20.1	36.8	39.9	43.3	44.3	45.2	45.1	48.6	48.6	49.5	49.5	49.5	49.9	49.9	50.1	50.1	50.1
IV 15000	20.1	36.9	40.1	43.2	45.1	46.5	45.3	48.8	48.8	49.7	49.7	49.7	50.1	50.1	50.3	50.3	50.3
IV 14000	20.4	37.4	40.6	43.8	45.7	47.2	47.0	49.6	49.6	50.4	50.4	50.4	50.9	50.9	51.1	51.1	51.1
IV 12000	21.3	38.6	41.6	44.9	46.9	48.5	51.4	51.0	51.0	51.8	51.8	51.8	52.3	52.3	52.5	52.5	52.5
IV 10000	24.1	42.4	45.7	48.9	51.1	52.9	55.1	55.6	55.6	56.6	56.6	56.6	57.1	57.1	57.4	57.4	57.4
IV 9000	24.3	43.9	47.3	50.8	53.0	54.8	57.0	57.6	57.6	58.6	58.6	58.6	59.1	59.1	59.5	59.5	59.5
IV 8000	25.6	46.5	50.1	54.1	56.7	58.6	61.0	61.6	61.6	62.6	62.6	62.6	63.1	63.1	63.4	63.4	63.4
IV 7000	27.6	48.8	52.9	56.7	59.4	61.4	63.9	64.5	64.5	65.5	65.5	65.5	66.0	66.0	66.3	66.3	66.3
IV 6000	30.5	52.3	56.6	61.2	63.9	66.0	68.6	69.4	69.4	70.3	70.3	70.3	70.9	70.9	71.2	71.2	71.2
IV 5000	31.3	53.7	58.2	63.0	65.7	68.0	71.6	71.4	71.4	72.5	72.5	72.5	73.0	73.0	73.3	73.3	73.3
IV 4500	31.3	53.9	58.5	63.4	66.2	68.5	71.2	71.9	71.9	73.0	73.0	73.0	73.5	73.5	73.9	73.9	73.9
IV 4000	32.6	55.2	60.0	65.4	68.3	70.5	73.2	74.0	74.0	75.1	75.1	75.1	75.6	75.6	75.9	75.9	75.9
IV 3500	33.4	56.3	61.2	66.8	69.7	72.0	74.7	75.5	75.5	76.7	76.7	76.7	77.2	77.2	77.5	77.5	77.5
IV 3000	34.6	57.7	62.6	68.2	71.2	73.8	76.5	77.2	77.2	78.4	78.4	78.4	78.9	78.9	79.2	79.2	79.2
IV 2500	35.2	59.0	63.9	69.5	72.7	75.4	78.1	78.8	78.8	80.0	80.0	80.0	80.5	80.5	80.9	80.9	80.9
IV 2000	36.0	60.5	65.5	71.5	74.8	77.4	80.3	81.1	81.1	82.3	82.3	82.3	82.8	82.8	83.1	83.1	83.1
IV 1800	36.3	60.9	65.8	72.0	75.4	78.2	81.9	81.5	81.5	82.8	82.8	82.8	83.3	83.3	83.7	83.7	83.7
IV 1500	36.7	61.5	66.6	72.8	76.2	79.1	81.9	82.7	82.7	84.0	84.0	84.0	84.5	84.5	84.9	84.9	84.9
IV 1200	37.0	62.7	68.0	74.3	77.7	80.8	83.5	84.3	84.3	85.6	85.6	85.6	86.2	86.2	86.6	86.6	86.6
IV 1000	37.2	63.4	68.8	75.5	79.1	82.3	85.2	85.9	85.9	87.2	87.2	87.2	87.7	87.7	88.0	88.0	88.0
IV 900	37.2	63.3	69.0	75.9	79.6	82.7	85.6	86.3	86.3	87.6	87.6	87.6	88.0	88.0	88.4	88.4	88.4
IV 800	37.3	64.0	69.9	76.9	80.5	83.8	86.9	87.6	87.6	89.0	89.0	89.0	89.4	89.4	89.8	89.8	89.8
IV 700	37.4	64.2	70.1	77.3	81.0	84.2	87.5	88.4	88.4	89.8	89.8	89.8	90.1	90.1	90.5	90.5	90.5
IV 600	37.4	64.2	70.2	77.7	81.5	84.9	88.5	89.5	89.5	91.0	91.0	91.0	91.4	91.4	91.8	91.8	91.8
IV 500	37.4	64.2	70.3	77.8	81.6	85.2	89.1	90.1	90.1	91.7	91.7	91.7	92.2	92.2	92.6	92.6	92.6
IV 400	37.4	64.2	70.4	78.3	82.5	86.3	91.1	92.4	92.4	94.2	94.2	94.2	94.8	94.8	95.4	95.4	95.4
IV 300	37.4	64.2	70.4	78.3	82.4	86.5	91.7	93.2	93.2	95.7	95.7	95.7	96.3	96.3	96.9	96.9	96.9
IV 200	37.4	64.2	70.4	78.3	82.5	86.8	92.4	94.0	94.0	96.9	96.9	96.9	97.6	97.6	98.3	98.3	98.3
IV 100	37.4	64.2	70.4	78.3	82.5	86.8	92.4	94.0	94.0	96.9	96.9	96.9	97.6	97.6	98.5	98.5	98.5
IV 0	37.4	64.2	70.4	78.3	82.5	86.3	92.4	94.0	94.0	96.9	96.9	96.9	97.6	97.6	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	31.6	38.3	40.0	41.5	42.4	42.8	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 3500	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 3000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2500	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1800	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1500	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1200	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1000	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 900	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 800	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 700	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 600	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 500	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 400	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 300	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 200	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 100	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 0	35.1	43.2	45.1	46.6	47.4	47.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 44 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH-
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	31.0	35.5	35.5	35.5	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000	39.4	42.9	43.5	44.0	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 18000	39.5	44.0	44.0	44.0	44.3	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 16000	39.6	44.2	44.2	44.3	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 14000	39.8	44.6	44.6	44.7	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 12000	41.0	45.9	45.9	46.1	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 10000	43.2	47.6	48.0	48.4	49.0	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 9000	43.9	47.4	49.4	49.7	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 8000	45.4	51.3	51.4	51.7	51.9	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 7000	46.0	52.2	52.3	52.6	52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 6000	49.2	55.9	56.3	56.5	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 5000	52.2	60.3	61.0	61.5	61.9	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4500	56.1	63.9	64.5	65.2	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 4000	61.6	70.9	71.6	72.6	73.1	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3500	66.0	75.6	76.4	77.1	78.3	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3000	69.1	80.0	81.2	82.2	82.7	83.2	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2500	70.3	82.6	83.8	84.9	85.6	86.2	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	72.0	84.4	86.1	87.3	88.3	89.1	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	72.4	85.4	87.1	88.3	89.4	90.2	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	73.1	86.5	88.6	89.8	91.0	91.9	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	73.7	87.6	89.9	91.3	92.7	93.7	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	74.0	88.2	90.4	91.9	93.3	94.5	94.9	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	74.2	88.3	91.0	92.7	94.1	95.6	96.1	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	74.3	88.7	91.2	93.1	94.5	96.0	96.6	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	74.4	88.8	91.3	93.2	94.6	96.2	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	74.5	88.9	91.4	93.3	94.7	96.6	97.4	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	74.5	88.9	91.5	93.4	94.9	97.0	98.1	98.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	74.5	88.9	91.5	93.4	95.1	97.2	98.5	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	74.5	88.9	91.5	93.4	95.1	97.2	98.6	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	74.5	88.9	91.5	93.4	95.1	97.2	98.6	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	74.5	88.9	91.5	93.4	95.1	97.2	98.6	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	74.5	88.9	91.5	93.4	95.1	97.2	98.6	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY STATION
USAF ETAC
AIR BASED SERVICE/AC

CEILING VERSUS VISIBILITY

94863

GEO PITTSBURGH 14P/PITTSBURGH PA

0-7

100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1735
2000-2359

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	34.0	37.1	37.2	37.3	38.1	37.0	37.0	38.0	38.0	37.0	38.0	37.0	38.0	38.0	38.0	38.0
≥ 20000	41.3	45.7	46.0	46.5	46.1	44.7	44.8	47.8	46.8	45.8	46.6	46.3	46.8	46.8	46.8	46.8
≥ 18000	42.0	46.0	46.3	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 15000	42.3	46.0	46.3	46.5	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	42.3	46.0	46.9	47.3	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	43.8	48.8	48.3	46.7	49.1	40.1	47.1	49.1	47.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 10000	46.0	50.3	51.3	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 9000	47.3	52.5	53.6	54.0	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	49.3	55.8	56.3	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	51.3	57.4	58.2	58.4	59.2	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	58.1	65.2	66.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	62.0	70.2	71.3	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	64.5	73.1	74.6	75.4	75.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	67.4	77.4	79.0	80.4	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	69.9	80.2	81.3	83.2	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	72.3	83.7	85.3	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	73.1	84.8	86.9	88.5	88.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	74.0	86.5	88.7	90.5	91.3	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	74.4	87.1	89.4	91.2	91.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	74.5	88.1	90.2	92.2	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	74.7	88.7	90.6	92.7	93.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	74.9	88.7	91.3	93.3	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 200	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 100	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 0	75.1	88.8	91.4	93.5	94.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 939

USAF ETAC 1000 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAF-1AC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94803 GTP PITTSB RGM IAP/PITTSB, PA 10-71

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	35.2	39.9	43.1	47.1	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥20000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 18000	40.2	40.4	41.2	41.7	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 16000	40.7	40.9	41.0	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 14000	47.8	47.7	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 12000	40.3	40.4	40.3	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 10000	50.2	50.4	50.7	50.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 9000	52.3	50.4	50.0	51.4	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 8000	55.9	52.7	54.2	55.3	56.4	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 7000	57.9	55.2	57.7	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 6000	63.1	71.7	74.3	76.3	77.3	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	52.6	75.0	78.0	80.4	81.0	81.1	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4500	50.3	75.5	79.5	82.1	82.9	82.9	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4000	58.0	75.9	82.0	84.7	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3500	57.2	51.1	84.3	87.3	87.3	87.9	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	69.4	87.7	85.2	88.1	89.1	89.2	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	75.5	83.4	85.7	89.7	90.0	90.7	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	71.2	84.9	88.6	91.4	93.0	93.1	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	71.2	84.9	88.7	91.4	93.1	93.2	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1600	71.6	85.2	89.2	92.4	93.1	93.9	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1400	71.5	85.5	89.5	93.7	94.3	94.5	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	71.7	85.9	89.7	93.2	94.5	94.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 300	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 200	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 100	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 50	71.7	85.9	89.8	93.4	94.8	95.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

24823
STATION

GTR PITTSBURGH IAP, PITTSBURGH, PA

10-7

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	42.3	42.7	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2
≥20000	48.5	55.0	56.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥18000	48.5	55.3	56.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
≥16000	49.2	55.5	57.1	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0
≥14000	49.7	56.2	57.5	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6
≥12000	51.3	58.5	59.0	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥10000	53.2	60.7	62.5	63.4	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
≥9000	56.0	64.1	65.3	67.1	67.3	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥8000	57.9	66.5	68.6	69.5	70.2	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
≥7000	59.4	68.6	70.8	72.1	72.5	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥6000	64.3	75.4	78.0	79.3	79.7	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
≥5000	65.8	77.6	80.0	81.4	81.8	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
≥4500	66.8	79.0	81.4	83.0	83.3	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3
≥4000	68.3	81.9	84.5	86.1	86.6	86.7	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥3500	69.4	82.6	85.2	86.8	87.4	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.2
≥3000	70.1	84.3	87.1	88.9	89.3	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4
≥2500	70.6	84.9	87.9	89.8	90.4	90.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.4
≥2000	71.2	86.3	89.6	91.7	92.3	92.3	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.5
≥1800	71.2	86.3	89.6	91.7	92.3	92.3	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥1500	71.3	86.5	90.3	92.1	93.1	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.1
≥1200	71.4	86.8	90.6	92.7	93.6	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6
≥1000	71.4	86.8	90.6	93.1	94.1	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.3
≥900	71.4	86.9	90.9	93.2	94.2	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.6
≥800	71.4	86.9	90.9	93.5	94.5	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1
≥700	71.4	86.9	91.0	93.7	94.9	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.7
≥600	71.4	86.9	91.3	94.1	95.3	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2
≥500	71.4	86.9	91.3	94.2	95.4	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6
≥400	71.4	87.2	91.6	94.5	95.7	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4
≥300	71.4	87.2	91.6	94.6	96.0	97.3	98.4	98.7	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.4
≥200	71.4	87.2	91.7	94.7	96.1	97.4	98.5	98.8	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥100	71.4	87.2	91.7	94.7	96.1	97.4	98.5	98.8	98.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥0	71.4	87.2	91.7	94.7	96.1	97.4	98.5	98.8	98.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

10-74
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.0	40.3	41.0	42.4	43.1	43.3	43.7	43.8	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.2
≥ 20000	36.1	44.4	47.9	49.1	49.3	50.1	50.7	50.7	50.7	50.9	50.9	50.9	50.9	51.0	51.0	51.1
≥ 18000	38.3	46.6	48.0	49.3	50.0	50.2	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.2
≥ 16000	38.4	46.8	48.2	49.4	50.2	50.5	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.4	51.4	51.5
≥ 14000	38.9	47.3	48.8	50.7	50.8	51.1	51.6	51.8	51.8	51.9	51.9	51.9	51.9	52.1	52.1	52.2
≥ 12000	40.2	49.0	50.8	51.4	52.7	53.0	53.8	53.7	53.7	53.9	53.9	53.9	53.9	54.0	54.0	54.1
≥ 10000	42.2	51.8	53.0	55.0	55.4	56.3	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.4	57.4	57.5
≥ 9000	43.9	54.1	55.9	57.3	58.3	58.9	59.3	59.6	59.6	59.8	59.8	59.8	59.8	60.0	60.0	60.1
≥ 8000	45.8	56.4	58.7	60.4	61.3	62.0	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.2
≥ 7000	47.7	58.4	60.6	62.4	63.0	64.0	64.8	64.9	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.4
≥ 6000	51.0	63.5	66.0	68.1	69.3	69.8	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.3
≥ 5000	53.0	66.1	68.8	71.0	72.2	72.8	73.6	73.8	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.3
≥ 4500	54.2	67.7	70.3	72.7	74.0	74.5	75.2	75.5	75.5	75.8	75.8	75.8	75.8	75.9	75.9	76.0
≥ 4000	56.4	70.6	73.8	75.9	77.3	77.9	78.7	78.3	78.9	79.2	79.2	79.2	79.2	79.3	79.3	79.4
≥ 3500	58.0	72.5	75.7	78.3	79.8	80.2	81.0	81.3	81.3	81.5	81.6	81.6	81.6	81.7	81.7	81.8
≥ 3000	59.7	75.1	78.2	80.8	82.2	82.9	83.7	83.9	83.9	84.2	84.2	84.2	84.2	84.4	84.4	84.5
≥ 2500	60.3	76.4	79.0	82.3	83.8	84.5	85.4	85.7	85.7	86.0	86.0	86.0	86.0	86.1	86.1	86.3
≥ 2000	61.7	78.4	81.9	84.9	86.5	87.3	88.2	88.5	88.5	88.8	88.8	88.8	88.8	88.9	88.9	89.1
≥ 1800	62.0	78.9	82.4	85.4	87.0	87.8	88.6	89.0	89.0	89.3	89.3	89.3	89.3	89.5	89.5	89.6
≥ 1500	62.3	79.0	83.4	86.5	88.2	89.0	90.0	90.3	90.3	90.6	90.6	90.6	90.6	90.8	90.8	91.0
≥ 1200	62.6	80.6	84.4	87.6	89.4	90.3	91.4	91.7	91.7	92.1	92.1	92.1	92.1	92.2	92.3	92.4
≥ 1000	62.9	81.1	85.0	88.4	90.3	91.4	92.5	92.9	92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.6
≥ 900	62.9	81.3	85.2	88.7	90.7	91.9	93.1	93.4	93.4	93.9	93.9	93.9	93.9	94.0	94.0	94.2
≥ 800	62.9	81.4	85.4	89.1	91.0	92.3	93.5	93.9	93.9	94.4	94.4	94.4	94.4	94.6	94.6	94.7
≥ 700	63.0	81.5	85.5	89.3	91.4	92.7	94.0	94.4	94.5	94.9	95.0	95.0	95.0	95.1	95.1	95.3
≥ 600	63.0	81.6	85.7	89.7	91.8	93.3	94.0	95.2	95.2	95.7	95.8	95.8	95.8	95.9	95.9	96.1
≥ 500	63.0	81.7	85.9	89.9	92.2	93.9	95.3	96.0	96.0	96.6	96.7	96.7	96.7	96.8	96.8	97.0
≥ 400	63.0	81.8	86.0	90.2	92.7	94.6	96.5	97.2	97.2	98.0	98.1	98.1	98.1	98.2	98.3	98.4
≥ 300	63.0	81.8	86.0	90.2	92.8	94.8	96.9	97.7	97.7	98.7	98.9	98.9	98.9	99.0	99.1	99.2
≥ 200	63.0	81.8	86.1	90.2	92.8	94.9	97.1	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.6
≥ 100	63.0	81.8	86.1	90.2	92.8	94.9	97.1	97.9	97.9	99.1	99.3	99.3	99.3	99.6	99.6	99.9
≥ 0	63.0	81.8	86.2	90.2	92.8	94.9	97.1	97.9	97.9	99.1	99.3	99.3	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LATHE SERVICE/MAC

CEILING VERSUS VISIBILITY

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

5-7
YEARS

1960-1969
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	32.3	46.3	49.3	52.1	53.0	54.5	54.9	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.7
≥ 20000	35.1	51.6	55.1	57.7	57.7	58.7	59.0	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.7
≥ 18000	35.1	51.7	55.2	57.7	59.4	59.8	60.1	61.2	61.2	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 16000	35.3	52.7	55.6	58.3	59.6	61.2	61.6	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 14000	35.6	52.2	55.9	58.4	60.1	61.6	61.9	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.9
≥ 12000	37.2	54.9	58.7	61.3	63.1	64.4	64.9	64.9	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.8
≥ 10000	36.7	57.2	61.6	64.6	66.2	67.8	68.1	68.2	68.2	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 9000	39.8	59.7	63.6	66.7	68.6	70.0	70.3	70.4	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.3
≥ 8000	40.2	60.1	65.4	68.8	70.8	72.2	72.7	72.8	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.7
≥ 7000	40.6	60.4	65.9	69.2	71.2	72.7	73.1	73.2	73.2	73.9	73.9	73.9	73.9	73.9	73.9	74.1
≥ 6000	41.6	62.6	68.4	72.1	74.2	75.9	76.4	76.6	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.4
≥ 5000	42.3	63.9	70.0	73.8	76.0	77.7	78.2	78.3	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 4500	43.4	65.4	71.6	75.3	77.6	79.2	79.8	79.9	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥ 4000	44.0	67.0	73.2	77.7	80.0	81.7	82.2	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 3500	44.8	68.6	74.9	79.4	82.0	83.7	84.2	84.3	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 3000	45.2	69.1	75.8	80.7	83.4	85.0	85.6	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 2500	45.7	69.6	76.4	81.4	84.2	85.9	86.4	86.6	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.6
≥ 2000	46.1	70.3	77.3	82.4	85.0	87.2	88.0	88.1	88.1	88.9	88.9	88.9	88.9	88.9	88.9	89.1
≥ 1800	46.2	70.4	77.4	82.5	85.6	87.4	88.2	88.3	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.3
≥ 1500	46.6	71.0	78.0	83.1	86.3	88.0	88.8	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	90.0
≥ 1200	47.8	72.8	79.9	85.3	88.2	89.9	90.8	90.9	90.9	91.8	91.8	91.8	91.8	91.8	91.8	92.0
≥ 1000	48.0	73.2	80.3	85.6	88.9	90.6	91.4	91.6	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 900	48.0	73.9	81.2	86.8	90.2	91.9	92.8	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 800	48.3	74.4	82.0	87.6	91.1	92.9	93.8	93.9	93.9	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 700	48.7	74.9	82.0	88.1	91.7	93.4	94.3	94.4	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.6
≥ 600	48.8	75.2	83.0	88.7	92.2	94.0	94.9	95.0	95.0	95.9	95.9	95.9	95.9	95.9	95.9	96.1
≥ 500	48.8	75.3	83.1	89.1	92.7	94.4	95.3	95.4	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7
≥ 400	48.8	75.3	83.1	89.3	93.4	95.3	96.6	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 300	48.9	75.4	83.3	89.6	93.7	95.8	97.4	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 200	48.9	75.4	83.3	89.6	93.7	95.9	97.8	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.8
≥ 100	48.9	75.4	83.3	89.6	93.7	95.9	97.9	98.3	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	46.9	75.4	83.3	89.6	93.7	95.9	97.9	98.3	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

59-76
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	13.4	31.4	35.0	39.3	41.7	43.7	44.4	46.6	46.8	47.2	47.3	47.4	48.1	48.1	48.4	49.1
≥ 20000	21.0	36.1	39.3	44.7	47.4	49.8	51.7	53.0	53.2	53.7	53.9	54.7	54.7	54.7	55.0	55.7
≥ 18000	21.0	34.1	39.3	44.7	47.4	49.8	51.7	53.0	53.2	54.7	53.9	54.7	54.7	54.7	55.0	55.7
≥ 16000	21.0	35.2	40.0	44.8	47.6	49.9	51.8	53.1	53.2	53.8	54.3	54.1	54.0	54.3	55.1	55.8
≥ 14000	21.0	36.2	40.1	44.9	47.7	50.0	51.9	53.2	53.4	53.9	54.1	54.2	54.9	54.9	55.2	55.9
≥ 12000	22.7	38.2	42.4	47.7	50.4	52.8	54.7	56.0	56.2	56.6	57.3	57.1	57.8	57.8	58.1	58.8
≥ 10000	23.8	40.0	44.4	49.8	52.0	55.0	56.9	58.2	58.4	59.2	59.4	59.6	60.2	60.2	60.0	61.2
≥ 9000	25.1	41.9	46.4	52.1	54.9	57.3	59.2	60.6	60.8	61.7	61.9	62.7	62.7	62.7	63.0	63.7
≥ 8000	25.0	42.9	47.0	53.3	56.2	58.7	60.7	62.0	62.2	63.2	63.4	63.5	64.2	64.2	64.6	65.2
≥ 7000	26.0	44.6	49.6	55.4	58.4	61.0	63.0	64.3	64.6	65.6	65.7	65.9	66.9	66.6	66.9	67.6
≥ 6000	27.7	47.4	53.1	59.7	62.9	65.4	67.8	69.2	69.4	70.4	70.7	70.8	71.6	71.6	71.9	72.6
≥ 5000	28.8	49.4	55.3	62.0	65.2	67.8	70.3	71.9	72.1	73.2	73.4	73.6	74.3	74.3	74.7	75.3
≥ 4500	29.4	50.3	56.3	63.2	66.6	69.3	71.8	73.3	73.6	74.7	74.9	75.0	75.8	75.8	76.1	76.0
≥ 4000	30.3	52.2	58.6	65.7	69.2	72.1	74.8	76.3	76.6	77.8	78.0	78.1	78.7	78.9	79.2	79.9
≥ 3500	30.9	53.1	59.4	66.9	70.8	73.4	76.1	77.7	77.9	79.1	79.3	79.4	80.2	80.2	80.6	81.2
≥ 3000	31.0	53.9	60.2	67.7	71.4	74.4	77.1	78.7	78.9	80.1	80.3	80.4	81.2	81.2	81.6	82.2
≥ 2500	31.2	54.0	60.4	68.0	71.8	74.8	77.4	79.0	79.2	80.4	80.6	80.9	81.7	81.7	82.0	82.7
≥ 2000	31.9	54.9	61.3	69.2	73.0	76.0	78.9	80.4	80.7	82.0	82.3	82.4	83.2	83.2	83.6	84.2
≥ 1800	31.9	54.9	61.3	69.2	73.0	76.1	79.2	80.8	81.0	82.3	82.7	82.8	83.6	83.6	83.9	84.6
≥ 1500	32.1	55.4	62.3	70.3	74.1	77.2	80.3	81.9	82.1	83.6	83.9	84.0	84.8	84.8	85.1	85.8
≥ 1200	32.3	56.3	63.3	71.8	75.9	79.0	82.1	83.7	83.9	85.4	85.8	85.9	86.7	86.7	87.0	87.7
≥ 1000	32.8	56.9	64.1	72.7	76.8	79.9	83.0	84.6	84.8	86.3	86.7	86.8	87.6	87.6	87.9	88.6
≥ 900	33.0	57.3	64.8	73.7	77.8	80.9	84.0	85.7	85.9	87.4	87.8	87.9	88.7	88.7	89.0	89.7
≥ 800	33.3	57.9	65.4	74.8	78.9	82.0	85.1	86.8	87.0	88.6	88.9	89.0	89.8	89.8	90.1	90.8
≥ 700	33.4	58.2	65.8	75.1	79.2	82.4	85.5	87.3	87.6	89.1	89.4	89.6	90.3	90.3	90.7	91.3
≥ 600	33.4	58.7	66.2	75.7	79.9	83.2	86.4	88.3	88.6	90.1	90.4	90.6	91.3	91.3	91.7	92.3
≥ 500	33.4	58.8	66.7	76.3	80.9	84.7	88.0	89.9	90.1	92.0	92.3	92.4	93.2	93.2	93.6	94.2
≥ 400	33.6	59.0	67.1	76.9	81.0	85.7	89.6	91.4	91.7	93.6	93.9	94.0	94.9	94.9	95.2	95.9
≥ 300	33.6	59.0	67.1	77.1	81.4	86.3	90.3	92.3	92.6	94.4	94.8	94.9	95.9	95.9	96.3	97.0
≥ 200	33.6	59.0	67.1	77.2	82.0	86.8	90.9	93.1	93.3	95.4	96.0	96.1	97.3	97.3	97.8	98.4
≥ 100	33.6	59.0	67.1	77.2	82.0	86.8	91.0	93.3	93.6	95.8	96.3	96.4	98.0	98.0	98.7	99.7
≥ 0	33.6	59.0	67.1	77.2	82.0	86.8	91.0	93.3	93.6	95.8	96.3	96.4	98.0	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

948.3
STATION

GTP PITTSBURGH IAP/PITTSBURGH PA

9-76

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	13.0	25.6	29.6	33.9	37.4	40.1	41.8	44.4	44.4	44.6	44.7	44.7	44.9	44.9	45.2	45.2
≥ 20000	14.6	28.4	32.3	37.6	41.4	45.3	47.4	50.6	50.8	51.0	51.1	51.1	51.3	51.4	51.7	51.8
≥ 18000	14.6	28.4	32.3	37.6	41.4	45.3	47.4	50.6	50.8	51.0	51.1	51.1	51.3	51.4	51.7	51.8
≥ 16000	14.6	28.4	32.3	37.6	41.4	45.3	47.4	50.6	50.8	51.0	51.1	51.1	51.3	51.4	51.7	51.8
≥ 14000	15.0	29.0	33.4	38.1	42.0	45.9	48.0	51.1	51.3	51.6	51.7	51.7	51.9	52.0	52.3	52.3
≥ 12000	15.9	30.3	34.6	39.7	43.7	47.4	50.9	53.0	53.2	53.4	53.5	53.6	53.8	53.9	54.1	54.2
≥ 10000	17.0	32.4	36.4	42.1	46.2	50.6	53.0	56.1	56.3	56.6	56.8	56.8	57.0	57.1	57.3	57.4
≥ 9000	18.1	33.8	38.2	43.7	48.1	52.4	54.9	58.0	58.2	58.4	58.7	58.7	59.0	59.1	59.3	59.4
≥ 8000	18.8	35.1	39.7	45.6	50.1	54.0	56.4	60.6	60.8	61.1	61.4	61.4	61.8	61.9	62.1	62.2
≥ 7000	19.0	36.0	41.0	47.1	52.3	57.3	59.8	62.9	63.1	63.6	63.7	63.9	64.2	64.3	64.6	64.7
≥ 6000	21.2	40.2	45.4	51.9	57.3	62.7	65.3	68.4	68.7	69.2	69.6	69.6	69.9	70.0	70.2	70.3
≥ 5000	21.4	40.7	46.0	52.7	58.2	63.9	66.9	70.1	70.3	70.9	71.2	71.2	71.6	71.7	71.9	72.0
≥ 4500	21.7	40.9	46.3	53.1	58.7	64.4	67.6	70.8	71.0	71.7	72.0	72.0	72.3	72.4	72.7	72.8
≥ 4000	22.3	41.9	47.3	54.2	59.8	65.9	71.3	72.6	72.8	73.4	73.6	73.6	74.1	74.2	74.4	74.6
≥ 3500	22.6	42.4	48.0	54.9	60.6	66.9	72.3	73.6	73.8	74.6	74.7	74.9	75.2	75.3	75.6	75.7
≥ 3000	23.0	43.3	48.9	55.8	61.7	68.2	73.9	75.1	75.3	76.1	76.4	76.4	76.8	76.9	77.2	77.3
≥ 2500	23.2	43.7	49.3	56.2	62.1	68.8	74.7	75.9	76.1	76.9	77.2	77.2	77.6	77.7	78.0	78.1
≥ 2000	23.7	44.6	50.1	57.1	63.0	69.7	75.7	77.0	77.2	78.3	78.7	78.7	79.0	79.1	79.4	79.6
≥ 1800	23.8	44.7	50.4	57.4	63.3	70.0	76.0	77.3	77.6	78.7	79.3	79.3	79.6	79.7	79.9	79.9
≥ 1500	24.3	45.0	51.6	58.1	64.7	71.4	77.6	79.1	79.4	80.6	80.9	80.9	81.2	81.3	81.7	81.8
≥ 1200	24.7	47.2	53.4	60.6	66.6	73.7	79.8	81.3	81.7	82.8	83.1	83.1	83.4	83.6	83.9	84.0
≥ 1000	25.1	47.9	54.3	61.4	67.6	74.7	80.8	82.3	82.7	83.9	84.3	84.3	84.7	84.8	85.1	85.2
≥ 900	25.1	48.2	54.7	62.0	68.1	75.3	81.4	83.1	83.4	84.7	85.1	85.1	85.4	85.6	85.9	86.0
≥ 800	25.2	49.0	55.6	63.1	69.7	77.0	83.3	85.1	85.4	86.8	87.3	87.3	87.7	87.8	88.1	88.2
≥ 700	25.2	49.1	55.8	63.4	70.0	77.6	84.1	86.0	86.3	87.8	88.3	88.3	88.7	88.8	89.1	89.2
≥ 600	25.2	49.2	55.9	63.8	70.3	78.0	85.2	87.4	87.8	89.2	89.8	89.8	90.1	90.2	90.6	90.7
≥ 500	25.2	49.2	55.9	64.0	70.7	78.8	85.4	88.7	89.1	90.7	91.2	91.2	91.6	91.7	92.0	92.1
≥ 400	25.2	49.2	55.9	64.0	70.9	79.1	86.1	91.0	91.4	93.6	94.1	94.1	94.4	94.6	94.9	95.1
≥ 300	25.2	49.2	55.9	64.0	70.9	79.3	89.0	92.0	92.4	94.6	95.2	95.2	95.6	95.9	96.4	96.7
≥ 200	25.2	49.2	55.9	64.0	70.9	79.4	89.3	92.3	92.8	95.7	96.3	96.3	97.1	97.3	98.0	98.3
≥ 100	25.2	49.2	55.9	64.0	70.9	79.4	89.3	92.3	92.8	95.8	96.7	96.7	97.7	97.9	98.9	99.7
≥ 0	25.2	49.2	55.9	64.0	70.9	79.4	89.3	92.3	92.8	95.8	96.7	96.7	97.7	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-73
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	24.3	37.3	40.0	43.0	44.0	45.0	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7
≥ 20000	20.0	40.4	44.0	46.2	47.0	47.5	48.1	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6
IV 18000	20.0	40.4	44.0	46.2	47.0	47.5	48.1	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6
IV 16000	26.0	42.6	44.0	46.3	47.0	47.7	48.2	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 14000	26.1	42.8	44.2	46.6	47.3	48.9	49.4	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
IV 12000	26.8	41.8	45.4	47.9	49.0	50.7	51.2	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
IV 10000	27.8	43.8	47.7	50.2	51.9	53.7	54.6	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
IV 9000	28.2	44.7	48.6	51.2	53.0	54.1	54.7	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
IV 8000	29.7	45.4	50.4	53.4	55.4	56.8	57.4	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0
IV 7000	30.2	47.7	51.9	55.1	57.2	58.6	59.2	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9
IV 6000	31.8	49.9	54.7	58.4	60.9	62.2	63.2	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9
IV 5000	32.6	52.9	56.1	59.9	62.2	63.8	64.1	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8
IV 4500	33.0	51.8	57.1	61.0	63.8	65.3	66.7	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3
IV 4000	33.9	53.7	58.6	62.4	65.2	67.1	68.4	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
IV 3500	35.7	55.6	60.9	64.8	67.7	69.7	71.1	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
IV 3000	37.7	58.6	64.0	67.9	70.0	72.8	74.3	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2
IV 2500	39.1	60.9	66.6	70.4	73.3	75.8	77.4	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
IV 2000	41.6	64.1	70.4	74.7	77.9	80.6	82.2	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
IV 1800	41.9	64.6	70.9	75.2	78.4	81.1	82.8	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8
IV 1500	43.6	66.3	73.1	77.8	81.8	84.4	86.3	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
IV 1200	44.0	67.5	74.7	79.7	84.2	87.2	89.2	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 1000	44.0	68.4	75.6	80.6	85.3	88.6	90.9	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
IV 900	44.0	68.6	75.7	80.9	85.7	89.0	91.6	92.4	92.4	92.6	92.6	92.6	92.8	92.8	92.8	92.8
IV 800	44.0	68.8	75.9	81.4	86.2	90.1	92.9	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 700	44.0	68.8	75.9	81.8	86.8	90.7	93.9	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2
IV 600	44.0	68.8	76.1	82.1	87.3	91.4	94.8	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 500	44.0	68.9	76.3	82.3	88.0	92.2	95.9	97.0	97.0	97.1	97.4	97.4	97.6	97.6	97.6	97.6
IV 400	44.0	68.9	76.3	82.3	88.0	92.3	96.4	98.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
IV 300	44.0	69.0	76.4	82.4	88.2	92.7	97.0	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 200	44.0	69.0	76.4	82.4	88.3	92.8	97.1	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7
IV 100	44.0	69.0	76.4	82.4	88.3	92.8	97.1	98.9	99.0	99.4	99.4	99.4	99.8	99.8	99.8	99.8
IV 0	44.0	69.0	76.4	82.4	88.3	92.8	97.1	98.9	99.0	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

94823
STATION

GT- PITTSBURGH IAF/PITTSBURGH, PA
STATION NAME

9-7;
YEARS

JJ
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	23.4	27.9	29.0	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	28.8	34.4	36.0	36.9	37.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 18000	28.9	34.7	36.3	37.0	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 16000	29.0	34.9	36.3	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000	29.2	35.3	36.8	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	29.9	34.6	38.0	39.2	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 10000	31.0	37.8	39.4	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 9000	31.8	38.4	40.4	42.2	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 8000	34.3	41.7	44.0	45.8	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 7000	35.0	42.6	44.9	46.4	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 6000	37.1	45.7	48.0	49.9	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 5000	39.3	48.2	51.2	53.2	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	41.6	51.7	54.6	57.1	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4000	47.1	59.0	62.7	65.2	66.9	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	51.6	65.6	69.2	72.7	74.3	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	54.1	69.9	74.2	78.4	80.0	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	55.3	71.9	76.8	81.4	84.0	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	57.6	74.9	80.6	86.1	89.0	90.2	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	57.6	75.2	80.9	86.4	89.7	91.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	58.2	76.7	82.4	88.1	91.8	93.2	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	58.3	76.9	82.8	88.8	92.6	94.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	58.4	77.1	83.0	89.3	93.3	94.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	58.4	77.1	83.3	89.3	93.4	95.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	58.4	77.2	83.3	89.8	94.0	95.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	58.4	77.2	83.3	89.8	94.2	95.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	58.4	77.2	83.3	89.9	94.2	96.0	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	58.4	77.2	83.4	90.0	94.3	96.1	96.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	58.4	77.2	83.4	90.4	94.9	96.7	96.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	58.4	77.2	83.6	90.8	95.1	96.9	96.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	58.4	77.2	83.6	90.8	95.1	96.9	96.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.4	77.2	83.6	90.8	95.1	96.9	96.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.4	77.2	83.6	90.8	95.1	96.9	96.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-78
YEAR

90
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	28.0	35.3	30.0	37.4	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥20000	32.1	41.4	42.9	44.1	44.1	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 18000	32.3	41.7	43.3	44.8	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 16000	32.8	42.1	43.5	44.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 14000	33.0	42.3	44.0	45.2	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 12000	33.6	43.7	45.0	47.1	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 10000	35.0	46.2	48.0	49.4	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 9000	36.6	47.6	49.4	51.7	51.7	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 8000	38.1	49.8	51.7	53.7	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 7000	39.7	51.8	53.6	55.7	56.0	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 6000	43.4	56.6	58.9	61.1	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 5000	45.8	59.9	62.3	65.0	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 4500	46.2	64.1	66.9	69.0	71.3	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 4000	50.9	68.3	71.7	75.3	77.1	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500	53.1	72.4	76.7	80.9	83.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	56.0	75.9	80.4	85.3	87.6	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	56.7	77.2	81.9	86.8	89.1	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	57.6	78.9	83.8	89.1	91.7	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	57.9	79.3	84.3	89.8	92.4	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	58.0	79.7	84.8	90.3	93.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	58.1	80.0	85.2	90.8	94.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	58.2	80.1	85.6	91.1	94.7	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	58.2	80.2	85.7	91.2	94.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	58.2	80.2	85.7	91.2	94.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	58.2	80.2	85.7	91.2	94.8	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	58.2	80.4	85.9	91.8	95.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	58.2	80.4	86.1	92.0	95.8	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	58.2	80.4	86.1	92.1	95.8	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	58.2	80.4	86.1	92.1	95.9	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	58.2	80.4	86.1	92.1	95.9	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	58.2	80.4	86.1	92.1	95.9	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	58.2	80.4	86.1	92.1	95.9	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATELOGY BRANCH
USAF-ETAC
AIR LATER SERVICE/ETAC

CEILING VERSUS VISIBILITY

94863
STATION

GIE PITTSBURGH IAP/PITTSBURGH PA

9-76

3-1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
MOON 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	32.9	42.7	43.8	47.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	43.7	52.7	54.7	59.1	60.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 18000	43.7	52.7	54.7	59.1	60.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 16000	43.7	52.7	54.7	59.1	60.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	43.7	52.7	55.2	59.8	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 12000	41.7	54.7	56.8	61.4	62.7	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 10000	44.7	57.7	60.0	65.2	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 9000	45.7	58.6	61.3	66.7	68.4	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 8000	45.8	59.9	63.3	68.8	70.8	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	47.0	61.2	64.7	70.2	72.0	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	49.1	64.7	68.2	74.6	76.4	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 5000	50.7	66.4	70.2	76.9	78.9	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 4500	51.3	67.8	71.7	78.3	80.8	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4000	52.7	70.0	74.0	81.1	83.4	84.0	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	53.4	71.2	75.0	82.9	85.2	86.6	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	54.2	73.0	77.4	84.8	87.2	88.8	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	55.0	74.2	78.7	86.0	88.6	90.1	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	55.8	75.6	80.4	88.0	90.6	92.1	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	55.8	75.6	80.6	88.1	90.7	92.3	93.2	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	56.2	76.3	81.3	89.0	91.6	93.3	94.2	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	56.4	76.8	82.0	89.8	92.4	94.2	95.1	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	56.4	76.9	82.1	90.1	92.9	94.7	95.6	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	56.4	77.1	82.2	90.2	93.0	94.8	95.7	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	56.6	77.3	82.3	90.7	93.6	95.3	96.3	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	56.6	77.5	83.0	91.2	94.1	95.9	97.0	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	56.6	77.7	83.1	91.4	94.3	96.1	97.2	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	56.6	77.7	83.2	91.6	94.6	96.3	97.4	98.0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	56.6	77.7	83.2	91.6	94.7	96.7	97.8	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	56.6	77.7	83.2	91.6	94.7	96.8	97.9	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	56.6	77.7	83.2	91.6	94.7	96.8	97.9	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	56.6	77.7	83.2	91.6	94.7	96.8	97.9	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	56.6	77.7	83.2	91.6	94.7	96.8	97.9	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

9-76

J-1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	35.7	41.5	50.4	52.7	52.4	53.4	54.0	53.0	53.0	53.6	53.0	53.6	53.0	53.6	53.0	53.5
≥20000	39.4	53.1	57.9	60.4	61.4	61.0	62.3	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.0	62.0
≥18000	39.9	53.2	58.0	60.9	61.2	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥16000	40.0	53.3	58.1	61.1	61.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥14000	40.0	53.3	58.2	61.2	61.7	62.3	62.6	62.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥12000	41.2	55.3	60.4	63.4	63.7	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥10000	42.4	58.7	63.4	66.4	67.0	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥9000	43.1	59.1	64.9	68.3	69.1	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥8000	44.6	61.7	66.9	70.7	71.0	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥7000	45.3	62.7	68.3	72.2	73.4	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥6000	46.6	63.3	70.4	74.3	75.4	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥5000	48.1	66.5	73.4	77.4	78.3	79.3	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥4500	48.9	68.5	75.1	79.1	80.0	81.0	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥4000	49.5	70.2	77.6	81.8	82.9	83.9	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥3500	50.8	71.0	80.0	84.4	85.3	86.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥3000	51.7	73.3	81.6	86.2	87.6	88.6	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥2500	52.1	74.1	82.6	87.4	88.3	89.8	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥2000	52.4	75.1	83.6	88.7	90.2	91.3	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥1800	52.4	75.3	83.8	88.9	90.0	91.7	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥1600	52.7	76.7	84.0	89.0	91.4	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥1200	52.9	77.7	85.8	91.1	92.7	93.8	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1000	53.2	78.1	87.0	92.4	94.2	95.8	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥900	53.3	78.2	87.1	92.6	94.4	95.7	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥800	53.6	78.7	87.7	93.2	95.1	96.3	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥700	53.7	78.9	88.0	93.7	95.4	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥600	53.7	79.0	88.2	93.7	95.3	97.1	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥500	53.7	79.0	88.2	93.7	96.1	97.9	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥400	53.7	79.0	88.2	93.9	96.1	97.8	98.8	99.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	53.7	79.0	88.3	94.7	95.4	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	53.7	79.0	88.3	94.2	96.4	98.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	53.7	79.0	88.3	94.2	96.4	95.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	53.7	79.0	88.3	94.2	96.4	95.1	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAF

CEILING VERSUS VISIBILITY

948.3 STATION 07F PITTSBURGH IAP/PITTSBURGH, PA 9-7 J. J.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	20.0	36.6	39.4	42.1	43.1	44.2	44.0	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.6	45.7
≥20000	29.8	42.2	45.4	46.4	49.9	51.2	52.0	52.4	52.5	52.6	52.7	52.7	52.7	52.8	52.8	53.0
≥18000	29.8	42.3	45.5	46.5	50.0	51.3	52.2	52.5	52.6	52.7	52.8	52.8	52.9	52.9	53.0	53.1
≥16000	29.9	42.5	45.7	46.6	50.1	51.4	52.3	52.7	52.7	52.9	52.9	52.9	53.0	53.1	53.2	53.3
≥14000	30.1	42.7	46.0	49.1	50.5	51.8	52.7	53.1	53.1	53.3	53.3	53.3	53.3	53.5	53.5	53.7
≥12000	31.1	44.4	47.6	51.3	52.9	53.9	54.4	55.2	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.7
≥10000	32.1	46.6	50.2	53.5	55.3	55.7	57.6	58.0	58.1	58.3	58.3	58.3	58.3	58.5	58.5	58.7
≥9000	33.5	47.9	51.7	55.2	57.1	57.5	59.9	59.9	60.1	60.2	60.2	60.2	60.3	60.3	60.4	60.5
≥8000	34.7	49.6	53.6	57.3	59.4	59.9	62.0	62.3	62.4	62.7	62.7	62.7	62.8	62.9	63.0	63.1
≥7000	35.3	50.7	55.0	58.9	61.1	62.6	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.8
≥6000	37.3	53.8	58.4	62.7	65.1	66.7	68.0	68.4	68.4	68.7	68.8	68.8	68.8	68.9	69.0	69.2
≥5000	38.7	55.9	60.6	65.1	67.3	67.3	70.0	71.0	71.1	71.4	71.5	71.5	71.5	71.7	71.7	71.9
≥4500	39.7	57.5	62.5	67.1	69.6	71.9	73.3	73.4	73.7	73.8	73.8	73.8	73.8	74.0	74.0	74.2
≥4000	41.1	60.2	65.4	70.4	73.1	75.1	76.0	77.1	77.1	77.5	77.5	77.5	77.5	77.7	77.7	77.9
≥3500	42.3	62.6	68.1	73.4	76.2	78.4	79.9	80.4	80.5	80.9	80.9	80.9	80.9	81.1	81.1	81.3
≥3000	44.1	64.6	70.3	75.8	78.8	81.1	82.7	83.2	83.3	83.7	83.7	83.7	83.7	83.9	83.9	84.1
≥2500	44.8	65.7	71.6	77.2	80.2	82.6	84.3	84.8	84.8	85.2	85.3	85.3	85.3	85.5	85.5	85.7
≥2000	45.3	67.3	73.4	79.4	82.6	85.1	87.4	87.4	87.4	87.9	88.0	88.0	88.0	88.2	88.2	88.4
≥1800	45.9	67.9	73.7	79.7	83.3	85.5	87.3	87.8	87.9	88.4	88.5	88.5	88.5	88.7	88.7	88.9
≥1500	46.5	68.4	74.6	80.3	84.4	87.0	88.8	89.4	89.5	90.1	90.1	90.2	90.2	90.3	90.4	90.5
≥1200	46.8	69.3	75.9	82.3	85.6	88.9	90.4	91.0	91.1	91.7	91.7	91.7	91.7	91.9	92.0	92.2
≥1000	47.0	69.7	76.5	82.7	86.7	89.4	91.4	92.0	92.1	92.7	92.7	92.7	92.7	93.0	93.0	93.2
≥900	47.1	70.1	76.8	83.3	87.2	89.9	92.0	92.6	92.7	93.3	93.4	93.4	93.4	93.6	93.7	93.9
≥800	47.2	70.4	77.3	84.0	87.3	90.8	92.9	93.6	93.7	94.3	94.4	94.4	94.4	94.6	94.7	94.8
≥700	47.3	70.6	77.5	84.3	88.3	91.2	93.5	94.2	94.3	94.9	95.0	95.0	95.0	95.2	95.3	95.4
≥600	47.3	70.8	77.7	84.7	88.7	91.7	94.0	94.8	94.9	95.6	95.7	95.7	95.7	95.9	95.9	96.1
≥500	47.3	70.8	77.9	84.9	89.1	92.3	94.8	95.6	95.7	96.5	96.5	96.5	96.5	96.8	96.8	97.0
≥400	47.3	70.8	77.3	85.1	89.4	92.7	95.6	96.8	96.9	97.7	97.7	97.7	97.7	98.0	98.1	98.2
≥300	47.3	70.9	78.0	85.2	89.6	93.0	96.1	97.3	97.4	98.3	98.4	98.4	98.4	98.7	98.8	98.9
≥200	47.3	70.9	78.0	85.2	89.6	93.1	96.3	97.6	97.7	98.8	98.9	98.9	98.9	99.2	99.3	99.5
≥100	47.3	70.9	78.0	85.2	89.6	93.1	96.3	97.6	97.7	98.8	98.9	98.9	98.9	99.4	99.5	99.7
≥0	47.3	70.9	78.0	85.2	89.6	93.1	96.3	97.6	97.7	98.8	98.9	98.9	98.9	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

948.2 STA PITTSBURGH, IAP/PITTSBURGH, PA 0-7

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	30.1	47.4	45.7	51.1	53.1	55.6	5.9	57.4	57.4	57.5	57.5	57.5	57.5	57.7	58.0	58.0
≥ 20000	31.4	44.4	50.2	56.1	60.1	62.3	5.5	64.3	64.3	64.6	64.7	64.7	64.7	64.9	65.1	65.1
≥ 18000	31.4	44.4	50.2	56.1	60.1	62.3	5.5	64.3	64.3	64.6	64.7	64.7	64.7	64.9	65.1	65.1
≥ 16000	31.4	44.4	50.2	56.1	60.1	62.3	5.5	64.3	64.3	64.6	64.7	64.7	64.7	64.9	65.1	65.1
≥ 14000	32.2	45.4	50.2	56.1	60.1	62.3	4.2	64.9	64.9	65.3	65.4	65.4	65.5	65.5	65.7	65.7
≥ 12000	32.6	46.8	52.4	58.5	62.5	64.4	5.9	66.7	66.7	67.0	67.1	67.1	67.1	67.2	67.4	67.4
≥ 10000	33.3	47.2	55.0	61.9	66.1	68.4	5.8	70.5	70.5	70.9	71.0	71.0	71.1	71.1	71.3	71.3
≥ 8000	34.3	50.9	57.4	63.9	68.1	70.5	7.8	72.6	72.6	72.9	73.0	73.0	73.1	73.1	73.3	73.3
≥ 7000	34.9	51.7	58.8	65.9	69.1	72.0	7.4	74.2	74.2	74.5	74.5	74.5	74.7	74.7	74.9	74.9
≥ 6000	35.2	52.4	59.8	66.9	71.1	73.7	7.1	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.6	76.6
≥ 5000	37.2	55.0	63.3	71.1	70.5	75.4	8.1	81.0	81.0	81.3	81.4	81.4	81.5	81.5	81.7	81.7
≥ 4500	37.6	57.0	65.4	72.9	76.1	80.5	8.2	83.0	83.0	83.3	83.4	83.4	83.5	83.5	83.8	83.8
≥ 4000	37.8	57.0	65.4	73.3	76.5	81.0	8.6	83.4	83.4	83.8	83.9	83.9	84.0	84.0	84.2	84.2
≥ 3500	38.5	59.0	67.3	75.2	80.3	82.9	8.5	85.4	85.4	85.7	85.8	85.8	85.9	85.9	86.1	86.1
≥ 3000	39.0	59.7	68.4	76.2	81.4	84.1	8.6	86.5	86.5	86.9	87.0	87.0	87.1	87.1	87.3	87.3
≥ 2500	39.3	61.3	69.3	77.7	83.1	85.9	8.5	88.5	88.5	88.9	89.0	89.0	89.1	89.1	89.4	89.4
≥ 2000	40.0	62.0	70.4	78.5	84.1	86.8	8.4	89.5	89.5	89.9	90.0	90.0	90.1	90.1	90.3	90.3
≥ 1800	40.5	63.5	72.2	80.4	86.1	87.1	8.3	91.9	91.9	92.4	92.5	92.5	92.6	92.6	92.8	92.8
≥ 1500	40.6	64.6	73.0	81.3	87.3	87.9	8.7	93.9	93.9	94.3	94.3	94.3	94.5	94.5	94.8	94.8
≥ 1200	40.3	64.6	73.3	82.3	88.4	88.3	8.3	94.9	94.9	95.4	95.4	95.4	95.5	95.5	95.8	95.8
≥ 1000	41.0	65.2	73.3	82.7	89.1	92.2	8.1	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.3	96.3
≥ 900	41.0	65.3	73.3	82.8	89.1	92.3	8.2	95.5	95.5	95.9	95.9	95.9	96.1	96.1	96.3	96.3
≥ 800	41.0	65.3	73.3	82.8	89.1	92.4	8.3	95.6	95.6	96.0	96.0	96.0	96.2	96.2	96.5	96.5
≥ 700	41.1	65.5	74.1	83.0	89.4	92.8	8.2	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.6	96.6
≥ 600	41.1	65.5	74.1	83.0	89.4	92.8	8.2	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.6	96.6
≥ 500	41.2	65.7	74.4	83.3	89.8	93.1	8.1	96.3	96.3	96.7	96.7	96.7	96.8	96.8	97.1	97.1
≥ 400	41.2	65.9	74.6	83.5	90.2	93.3	8.7	97.0	97.0	97.5	97.5	97.5	97.7	97.7	97.8	97.8
≥ 300	41.2	65.9	74.6	83.5	90.2	93.3	8.2	97.7	97.7	98.3	98.3	98.3	98.4	98.4	98.6	98.6
≥ 200	41.2	65.9	74.6	83.5	90.2	93.3	8.2	98.0	98.0	98.6	98.6	98.6	98.8	98.8	99.0	99.0
≥ 100	41.2	65.9	74.6	83.5	90.2	93.3	8.2	98.0	98.0	98.6	98.6	98.6	98.8	98.8	99.0	99.0
≥ 0	41.2	65.9	74.6	83.5	90.2	93.3	8.2	98.0	98.0	98.6	98.6	98.6	98.8	98.8	99.0	99.0

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

94823
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-7
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	18.5	31.5	35.9	42.5	45.9	47.4	50.0	51.3	51.3	52.4	52.6	52.6	53.7	53.7	54.0	54.1	
≥ 20000	19.1	34.0	39.0	47.0	51.1	53.7	55.1	58.0	58.0	59.2	59.7	59.7	60.9	60.9	61.2	61.4	
≥ 18000	19.1	34.0	39.0	47.0	51.1	53.7	55.1	58.0	58.0	59.2	59.7	59.7	60.9	60.9	61.2	61.4	
≥ 16000	19.1	34.0	39.0	47.0	51.1	53.7	55.1	58.0	58.0	59.2	59.7	59.7	60.9	60.9	61.2	61.4	
≥ 14000	19.6	35.1	40.3	48.4	52.4	54.8	57.7	59.6	59.6	60.9	61.3	61.7	62.5	62.5	62.6	63.0	
≥ 12000	20.2	36.1	41.5	50.4	54.4	56.7	59.8	61.6	61.6	62.9	63.3	63.3	64.3	64.3	64.5	64.8	
≥ 10000	20.9	37.0	44.1	53.7	57.5	59.6	62.7	64.5	64.5	65.8	66.3	66.3	67.5	67.5	68.0	68.3	
≥ 9000	21.2	37.6	45.2	54.1	58.0	60.9	64.1	65.9	65.9	67.3	67.8	67.8	69.0	69.0	69.5	69.8	
≥ 8000	21.3	37.7	46.0	55.7	60.2	62.5	65.7	67.5	67.5	68.9	69.5	69.5	70.6	70.6	71.1	71.4	
≥ 7000	21.7	40.5	47.2	56.5	61.1	63.4	66.4	68.0	68.0	70.0	70.5	70.5	71.7	71.7	72.2	72.5	
≥ 6000	22.2	41.6	48.5	58.2	63.0	65.6	68.2	71.1	71.1	72.5	73.0	73.0	74.2	74.2	74.6	74.9	
≥ 5000	22.3	42.2	49.7	59.7	64.0	67.3	70.0	72.8	72.8	74.2	74.7	74.7	75.9	75.9	76.3	76.7	
≥ 4500	22.5	42.7	50.6	61.1	66.1	68.9	71.7	74.5	74.5	75.9	76.5	76.5	77.6	77.6	78.1	78.4	
≥ 4000	22.6	43.5	51.6	62.6	67.4	70.6	73.5	76.5	76.5	77.8	78.4	78.4	79.6	79.6	80.0	80.3	
≥ 3500	22.9	44.3	52.0	63.5	68.4	71.9	74.8	77.7	77.7	79.2	79.4	79.4	81.1	81.1	81.5	81.8	
≥ 3000	23.0	45.3	53.5	64.8	70.4	73.4	77.3	79.2	79.2	80.9	81.4	81.4	82.6	82.6	83.3	83.3	
≥ 2500	23.1	45.7	54.0	65.5	71.0	74.7	78.9	80.9	80.9	82.5	83.0	83.0	84.2	84.2	84.6	84.9	
≥ 2000	23.1	46.5	54.8	67.7	72.4	76.1	80.8	83.3	83.3	84.9	85.5	85.5	86.7	86.7	87.1	87.4	
≥ 1800	23.3	46.6	55.1	67.7	73.1	76.3	81.1	83.7	83.7	85.3	85.8	85.8	87.0	87.0	87.4	87.7	
≥ 1500	23.6	47.4	56.1	68.6	74.6	78.0	82.8	85.4	85.4	87.0	87.5	87.5	88.7	88.7	89.1	89.5	
≥ 1200	23.9	47.6	56.3	69.7	75.5	78.9	83.8	86.5	86.5	88.1	88.6	88.6	89.8	89.8	90.2	90.5	
≥ 1000	24.4	48.3	57.3	70.6	77.1	80.5	85.7	88.5	88.5	90.1	90.6	90.6	91.8	91.8	92.3	92.6	
≥ 900	24.4	48.3	57.3	70.6	77.2	81.0	86.0	88.8	88.8	90.4	91.0	91.0	92.2	92.2	92.6	92.9	
≥ 800	24.4	48.4	57.4	71.0	77.5	81.5	86.6	89.4	89.4	91.0	91.5	91.5	92.7	92.7	93.1	93.4	
≥ 700	24.4	48.5	57.5	71.7	77.8	81.8	86.9	89.7	89.7	91.3	91.8	91.8	93.0	93.0	93.4	93.8	
≥ 600	24.5	49.0	58.1	72.0	78.7	82.7	87.8	90.6	90.6	92.3	92.8	92.8	94.0	94.0	94.4	94.7	
≥ 500	24.6	49.1	58.5	72.6	79.2	83.5	88.8	91.8	91.8	93.4	94.0	94.0	95.2	95.2	95.7	96.0	
≥ 400	24.6	49.1	58.5	72.6	79.2	83.7	89.0	92.0	92.0	93.8	94.5	94.5	95.8	95.8	96.2	96.6	
≥ 300	24.6	49.1	58.5	72.7	79.5	83.9	89.2	92.6	92.6	94.5	95.4	95.4	96.8	96.8	97.3	97.6	
≥ 200	24.6	49.1	58.5	72.7	79.5	84.0	89.7	92.9	92.9	95.1	95.9	95.9	97.3	97.3	98.0	98.3	
≥ 100	24.6	49.1	58.5	72.7	79.5	84.0	89.7	92.9	92.9	95.2	96.0	96.1	97.5	97.5	98.3	98.7	
≥ 0	24.6	49.1	58.5	72.7	79.5	84.0	89.7	92.9	92.9	95.2	96.1	96.2	97.6	97.7	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH PA

5-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0600
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1	≥ 0
NO CEILING	12.5	22.4	26.3	33.5	37.1	37.5	4.9	46.5	48.7	48.8	49.0	49.0	49.5	49.7	50.1	50.5
≥ 10000	13.4	25.9	32.2	38.1	41.2	44.5	5.2	53.3	53.5	55.9	56.6	56.7	57.4	57.6	58.2	58.6
≥ 18000	13.4	25.9	32.2	38.2	41.9	44.5	5.3	53.4	53.7	56.0	56.7	56.7	57.5	57.7	58.3	58.7
≥ 16000	13.4	25.9	32.2	38.2	41.5	44.4	5.3	53.5	53.8	56.1	56.8	56.9	57.6	57.8	58.4	58.8
≥ 14000	13.7	26.2	32.5	39.2	43.1	45.5	5.6	54.9	55.2	57.5	58.2	58.3	59.0	59.2	59.8	60.2
≥ 12000	14.0	26.8	33.7	40.1	44.3	46.3	5.6	55.9	56.1	58.6	59.4	59.5	60.2	60.4	61.0	61.4
≥ 10000	14.9	27.7	34.3	41.5	46.0	49.4	5.3	58.9	59.1	61.6	62.3	62.6	63.3	63.5	64.1	64.5
≥ 9000	15.1	27.8	34.8	41.7	46.3	49.7	5.8	59.5	59.7	62.2	63.0	63.1	63.9	64.1	64.6	65.1
≥ 8000	15.2	28.5	35.3	42.7	47.4	50.9	5.0	60.8	61.0	63.5	64.4	64.5	65.3	65.5	66.0	66.5
≥ 7000	15.5	29.1	36.3	43.7	48.4	51.5	5.1	62.0	62.3	64.9	65.9	66.0	66.8	67.0	67.5	68.0
≥ 6000	15.5	29.5	37.0	44.5	49.7	53.5	5.0	64.4	64.6	67.6	68.8	68.9	69.7	69.9	70.4	70.9
≥ 5000	15.7	29.8	37.6	45.4	51.0	54.2	6.0	66.7	66.9	69.9	71.1	71.2	71.9	72.2	72.7	73.1
≥ 4500	15.8	30.2	38.3	46.6	51.8	55.7	6.2	67.5	67.7	70.8	71.9	72.0	72.8	73.0	73.5	74.0
≥ 4000	16.5	31.4	39.0	48.4	53.5	57.7	6.2	69.9	70.1	73.2	74.4	74.5	75.3	75.5	76.0	76.5
≥ 3500	16.7	32.2	40.4	49.4	54.5	58.3	6.3	71.2	71.4	74.5	75.9	76.0	76.8	77.0	77.5	78.0
≥ 3000	16.7	32.3	40.9	50.4	55.7	60.3	6.6	72.9	73.1	76.2	77.7	77.8	78.6	78.8	79.5	79.9
≥ 2500	16.6	32.8	41.4	51.7	56.7	61.5	6.0	74.2	74.4	77.5	79.0	79.1	79.9	80.1	80.8	81.2
≥ 2000	16.9	32.9	41.8	51.5	57.1	62.0	6.9	75.1	75.3	78.4	79.9	80.0	80.8	81.0	81.6	82.0
≥ 1800	16.9	33.0	41.7	51.7	57.3	62.3	7.1	75.3	75.5	78.7	80.2	80.3	81.1	81.3	81.9	82.4
≥ 1500	17.3	33.7	42.4	52.5	58.3	63.3	7.5	77.0	77.2	80.4	81.9	82.0	82.8	83.0	83.7	84.1
≥ 1200	17.6	34.3	43.1	53.5	59.5	64.5	7.5	78.8	79.0	82.3	83.8	83.9	84.6	84.8	85.5	85.9
≥ 1000	18.0	34.9	43.9	54.8	61.0	66.3	7.5	81.0	81.2	84.4	85.9	86.0	86.8	87.0	87.6	88.1
≥ 900	18.1	35.2	44.1	55.2	61.3	66.7	7.6	81.3	81.5	84.7	86.2	86.3	87.1	87.3	88.0	88.4
≥ 800	18.2	35.5	44.4	55.7	61.6	67.5	7.6	82.6	82.8	86.0	87.5	87.6	88.4	88.5	89.2	89.7
≥ 700	18.3	35.6	44.5	55.9	62.0	67.7	7.7	83.2	83.4	86.7	88.2	88.3	89.0	89.2	89.9	90.3
≥ 600	18.3	35.6	44.5	56.1	62.3	68.2	7.8	84.3	84.5	87.8	89.4	89.5	90.2	90.4	91.1	91.5
≥ 500	18.3	35.7	44.7	56.5	62.8	68.8	7.8	85.4	85.6	89.5	91.0	91.1	91.9	92.2	92.8	93.2
≥ 400	18.3	35.7	44.7	56.5	62.8	68.8	7.9	86.2	86.5	90.9	92.4	92.5	93.3	93.5	94.2	94.6
≥ 300	18.3	35.7	44.7	56.5	62.9	69.0	7.9	87.0	87.2	92.2	94.0	94.1	95.2	95.4	96.0	96.5
≥ 200	18.3	35.7	44.7	56.5	62.9	69.0	8.0	87.4	87.6	92.7	94.6	94.7	96.3	96.6	97.5	98.0
≥ 100	18.3	35.7	44.7	56.5	62.9	69.0	8.0	87.4	87.6	92.8	94.8	94.9	96.6	96.9	98.1	98.8
≥ 0	18.3	35.7	44.7	56.5	62.9	69.0	8.0	87.4	87.6	92.8	94.8	94.9	96.6	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

94321
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

2-7
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	19.4	31.4	35.3	39.2	41.8	44.5	47.1	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	21.8	35.9	39.7	43.9	46.6	49.5	51.3	52.9	52.9	53.2	53.2	53.2	53.2	53.3	53.3	53.3
IV 18000	21.8	35.9	39.7	44.1	46.6	49.5	51.3	53.2	53.2	53.5	53.5	53.5	53.5	53.7	53.7	53.7
IV 16000	21.8	35.9	39.9	44.2	46.7	49.9	51.7	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9
IV 14000	22.0	36.3	40.3	44.4	47.4	50.5	51.4	54.4	54.4	54.7	54.7	54.7	54.7	54.8	54.8	54.8
IV 12000	22.4	37.3	41.6	46.1	48.1	52.2	55.1	56.0	56.0	56.3	56.3	56.3	56.3	56.5	56.5	56.5
IV 10000	22.9	38.6	43.3	47.5	50.6	54.2	57.1	58.1	58.1	58.4	58.4	58.4	58.4	58.5	58.5	58.5
IV 9000	23.0	38.8	43.7	48.2	51.3	54.8	57.7	58.9	58.9	59.2	59.2	59.2	59.2	59.4	59.4	59.4
IV 8000	23.7	40.4	45.3	49.8	52.9	56.8	59.8	61.1	61.1	61.4	61.4	61.4	61.4	61.5	61.5	61.5
IV 7000	23.9	40.8	45.6	50.2	53.1	57.6	60.6	61.9	61.9	62.3	62.3	62.3	62.3	62.4	62.4	62.4
IV 6000	24.4	41.5	46.7	51.3	54.5	59.8	61.0	63.1	63.1	63.4	63.4	63.4	63.4	63.5	63.5	63.5
IV 5000	24.6	41.7	46.9	51.6	54.8	59.2	61.4	63.7	63.7	64.0	64.0	64.0	64.0	64.1	64.1	64.1
IV 4500	24.9	42.5	47.7	52.8	55.9	60.3	63.4	64.7	64.7	65.1	65.1	65.1	65.1	65.2	65.2	65.2
IV 4000	25.4	43.3	48.6	53.7	57.0	61.5	64.7	66.1	66.1	66.5	66.5	66.5	66.5	66.6	66.6	66.6
IV 3500	26.3	44.8	50.2	55.5	58.9	63.8	67.0	68.4	68.4	68.7	68.7	68.7	68.7	68.8	68.8	68.8
IV 3000	27.5	46.3	51.9	57.5	61.3	66.2	69.5	71.0	71.0	71.3	71.3	71.3	71.3	71.4	71.4	71.4
IV 2500	29.1	48.6	54.5	60.3	64.2	69.2	72.7	74.2	74.2	74.5	74.5	74.5	74.5	74.6	74.6	74.6
IV 2000	30.5	50.5	57.0	63.4	67.6	72.8	75.5	78.0	78.0	78.3	78.3	78.3	78.3	78.4	78.4	78.4
IV 1800	30.8	51.4	58.0	64.6	68.9	74.1	77.7	79.2	79.2	79.6	79.6	79.6	79.6	79.7	79.7	79.7
IV 1500	31.8	53.2	60.5	67.4	72.0	77.5	81.4	83.0	83.0	83.4	83.4	83.4	83.4	83.5	83.5	83.5
IV 1200	32.4	54.3	62.2	70.1	75.3	81.4	85.6	87.3	87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 1000	32.7	55.2	63.2	72.3	78.2	84.8	89.4	91.2	91.2	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 900	32.8	55.4	63.7	73.1	79.3	85.7	90.3	92.2	92.2	92.6	92.6	92.6	92.6	92.7	92.7	92.7
IV 800	33.0	55.7	64.1	73.4	79.6	86.3	91.1	93.4	93.4	93.9	93.9	93.9	93.9	94.0	94.0	94.0
IV 700	33.0	55.8	64.2	73.8	79.9	86.7	91.8	94.2	94.2	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 600	33.0	55.9	64.3	74.4	80.5	87.6	93.0	95.6	95.6	96.1	96.1	96.1	96.1	96.2	96.2	96.2
IV 500	33.0	55.9	64.3	74.4	80.5	87.7	93.7	96.8	96.8	97.5	97.5	97.5	97.5	97.8	97.8	97.8
IV 400	33.0	55.9	64.3	74.4	80.5	87.8	94.3	97.5	97.5	98.4	98.4	98.4	98.4	98.7	98.7	98.7
IV 300	33.0	55.9	64.3	74.4	80.6	88.0	94.4	98.1	98.1	99.0	99.1	99.1	99.1	99.6	99.6	99.6
IV 200	33.0	55.9	64.3	74.4	80.6	88.0	94.4	98.2	98.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8
IV 100	33.0	55.9	64.3	74.4	80.6	88.0	94.4	98.2	98.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8
IV 0	33.0	55.9	64.3	74.4	80.6	88.0	94.4	98.2	98.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

948
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA

5-75

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING	19.8	27.1	29.0	31.8	32.1	33.7	37.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000	24.3	33.7	36.9	39.5	40.4	41.0	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	24.4	33.9	37.0	39.6	40.5	41.1	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	24.4	34.0	37.2	39.8	40.7	41.3	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	24.4	34.0	37.2	39.9	41.1	41.6	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	24.5	34.7	38.0	41.1	42.3	42.8	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 10000	25.7	36.1	39.6	42.8	44.2	44.7	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 9000	26.0	36.8	40.3	43.5	44.9	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 8000	26.3	37.6	41.4	44.9	46.7	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 7000	26.9	38.4	42.3	45.9	47.8	48.3	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 6000	28.0	39.9	44.0	48.0	49.7	50.3	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	28.5	41.0	45.2	49.4	51.2	51.8	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	30.3	43.3	48.3	53.1	55.2	55.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000	34.6	49.0	54.1	59.8	62.3	63.0	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	40.1	56.0	61.7	68.2	71.1	72.0	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	41.8	60.1	67.3	74.7	78.1	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	43.2	63.2	71.5	79.4	83.1	84.6	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	44.5	65.5	74.2	82.7	86.8	88.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	44.9	66.6	75.4	84.0	88.2	90.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	45.3	67.2	76.3	85.6	90.1	91.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	45.4	67.5	76.9	86.2	91.3	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	45.6	68.1	77.4	86.5	92.0	94.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	45.6	68.3	77.7	87.2	92.4	94.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	45.6	68.5	78.1	87.5	92.8	95.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	45.6	68.6	78.3	87.8	93.3	95.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	45.6	68.6	78.3	87.8	93.3	95.9	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	45.6	68.6	78.3	88.0	93.5	96.1	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	45.6	68.7	78.4	88.1	93.7	96.5	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	45.6	68.7	78.4	88.1	93.7	96.5	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.6	68.7	78.4	88.1	93.7	96.5	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.6	68.7	78.4	88.1	93.7	96.5	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.6	68.7	78.4	88.1	93.7	96.5	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

94823

GTR PITTSBURGH IAP/PITTSBURGH, PA

9-7

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	23.0	31.7	34.7	38.0	39.7	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	27.8	30.6	42.4	46.0	48.0	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 18000	27.6	39.7	42.3	46.1	48.1	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 16000	27.6	38.7	42.3	46.1	46.1	47.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 14000	27.6	38.9	42.7	46.3	48.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 12000	29.0	41.1	45.1	48.7	50.9	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 10000	30.0	43.7	47.0	51.4	53.0	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 9000	30.0	45.1	49.1	53.0	55.4	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 8000	31.1	46.0	50.0	54.7	57.2	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 7000	31.4	46.8	51.0	55.8	58.4	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 6000	33.2	49.2	54.3	58.8	61.3	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 5000	34.4	51.1	56.0	61.2	64.1	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 4500	37.0	54.6	60.8	65.8	68.0	71.5	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4000	40.2	60.1	66.7	72.0	75.6	78.6	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3500	41.7	62.8	69.6	75.3	79.5	83.0	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3000	43.2	66.2	73.4	80.0	84.1	88.1	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	44.5	68.6	76.1	82.9	87.3	91.4	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	45.4	70.3	78.0	84.3	89.0	93.9	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	45.4	70.3	78.2	85.2	89.9	94.2	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1500	45.5	70.4	78.3	85.5	90.2	94.6	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	45.8	71.0	78.9	86.4	91.1	95.6	96.5	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	46.0	71.3	79.2	86.6	91.1	96.0	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	46.0	71.4	79.4	86.7	91.0	96.1	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	46.0	71.4	79.4	86.7	91.0	96.1	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	46.1	71.5	79.5	86.8	91.7	96.3	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	46.1	71.5	79.5	86.8	91.7	96.3	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	46.2	71.6	79.6	87.0	91.9	96.6	97.7	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	46.2	71.6	79.6	87.0	92.0	96.8	96.1	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	46.2	71.6	79.6	87.0	92.0	96.8	96.2	99.0	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	46.2	71.6	79.6	87.0	92.0	96.8	96.2	99.0	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	46.2	71.6	79.6	87.0	92.0	96.8	96.2	99.0	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	46.2	71.6	79.6	87.0	92.0	96.8	96.2	99.0	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

94023
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

0-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	28.9	38.7	43.3	48.0	49.0	52.3	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	32.8	45.8	51.9	57.7	60.0	63.7	64.0	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	32.8	45.8	52.2	58.0	60.0	63.9	64.2	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	32.8	45.8	52.2	58.0	60.0	63.9	64.2	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	33.0	46.2	52.7	58.5	61.3	64.5	64.8	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	34.0	47.7	54.2	60.1	62.3	66.2	66.6	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	36.2	51.9	56.7	64.7	67.8	71.4	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	37.2	53.4	60.3	66.5	70.1	73.9	74.5	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	38.0	54.7	61.7	68.0	71.6	75.9	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	38.3	55.5	62.5	68.9	72.9	77.3	78.1	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	38.7	57.1	64.1	71.1	75.2	79.6	80.3	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	38.7	57.7	64.7	71.8	76.0	80.5	81.3	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	39.2	58.9	66.0	73.3	77.0	82.2	83.0	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	39.8	61.1	68.7	76.7	81.0	85.8	87.0	87.8	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	40.5	62.3	70.1	78.4	82.9	88.1	89.4	90.3	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	40.8	62.9	70.8	79.2	84.0	89.1	90.5	91.5	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	41.4	64.2	72.3	81.1	85.9	91.1	92.6	93.5	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	41.6	65.4	73.5	82.5	87.4	92.7	94.2	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	41.7	65.6	73.8	82.9	87.7	93.0	94.5	95.5	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	41.7	65.7	73.9	83.1	88.2	93.5	95.1	96.0	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	42.0	66.0	74.3	83.5	88.6	94.0	95.7	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	42.4	66.6	74.8	84.4	89.6	94.9	96.8	97.8	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	42.4	66.6	74.8	84.5	89.7	95.1	97.0	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	42.4	66.7	74.9	84.6	89.8	95.4	97.4	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	42.4	66.7	74.9	84.6	89.8	95.4	97.4	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	42.4	66.7	74.9	84.6	89.8	95.4	97.5	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	42.4	66.7	74.9	84.6	89.8	95.4	97.5	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	42.4	66.7	74.9	84.7	89.9	95.5	97.6	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	42.4	66.7	74.9	84.7	89.9	95.5	97.7	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	42.4	66.7	74.9	84.7	89.9	95.5	97.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	42.4	66.7	74.9	84.7	89.9	95.5	97.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	42.4	66.7	74.9	84.7	89.9	95.5	97.7	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

945.2
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

0-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	32.9	45.5	49.4	54.5	56.5	57.7	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	35.5	50.0	54.0	60.5	63.7	64.6	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	35.5	50.0	54.0	60.5	63.7	64.6	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	35.5	50.0	54.0	60.5	63.7	64.6	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	35.5	50.0	54.0	60.5	63.7	64.6	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	35.5	50.0	54.0	60.5	63.7	64.6	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	37.5	55.2	59.8	67.5	70.6	71.7	72.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	38.2	56.3	61.3	68.5	72.4	73.3	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	38.9	58.7	63.8	70.5	74.3	75.3	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	39.5	58.7	64.8	71.5	75.1	76.8	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	41.0	61.0	67.0	74.2	78.5	79.5	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	41.5	62.3	68.7	76.0	80.4	81.4	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5
≥ 4500	42.0	63.2	69.9	77.4	81.6	83.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 4000	42.9	64.9	71.8	80.0	84.0	85.8	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 3500	42.8	66.1	73.5	81.4	86.3	87.7	89.2	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 3000	43.7	67.7	75.1	83.7	88.7	90.0	91.5	92.0	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2500	44.4	69.4	77.0	85.8	90.9	92.2	93.7	94.2	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 2000	44.5	69.7	77.3	86.1	91.3	92.5	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1800	44.5	69.8	77.5	86.3	91.7	93.1	94.7	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1500	44.6	70.7	77.7	86.7	92.2	93.7	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1200	44.6	70.7	77.8	87.2	93.0	94.4	96.0	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 1000	44.9	71.0	78.9	88.4	94.3	95.7	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 900	44.9	71.2	79.1	88.7	94.7	96.3	98.0	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 800	44.5	71.2	79.1	88.8	94.9	96.6	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 700	44.9	71.2	79.1	88.8	94.9	96.6	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 600	44.9	71.2	79.1	88.8	94.9	96.6	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 500	44.9	71.2	79.1	88.8	94.9	96.6	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	44.9	71.2	79.2	88.9	95.1	96.7	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 300	44.9	71.3	79.2	88.9	95.1	96.8	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200	44.9	71.3	79.2	88.9	95.1	96.8	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	44.9	71.3	79.2	88.9	95.1	96.8	98.4	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	44.9	71.3	79.2	88.9	95.1	96.8	98.4	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94825
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

9-7,
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	23.1	33.7	37.6	42.4	44.0	46.7	47.8	48.5	48.5	49.0	49.1	49.1	49.3	49.3	49.4	49.4
≥ 20000	25.6	32.5	43.4	48.5	51.9	53.5	54.4	56.2	56.3	56.8	57.3	57.0	57.3	57.3	57.4	57.5
≥ 18000	25.8	32.6	43.5	48.7	51.0	53.6	55.9	56.4	56.4	57.0	57.1	57.1	57.4	57.4	57.5	57.6
≥ 16000	25.8	32.7	43.5	48.8	51.7	53.6	55.6	56.4	56.5	57.0	57.2	57.2	57.5	57.5	57.6	57.7
≥ 14000	26.0	32.1	44.0	49.4	52.4	54.4	55.3	57.3	57.3	57.9	58.3	58.0	58.3	58.3	58.5	58.5
≥ 12000	26.7	40.4	45.6	51.2	54.2	56.3	55.2	59.1	59.2	59.8	59.9	59.9	60.2	60.2	60.4	60.4
≥ 10000	27.7	42.6	48.0	53.9	57.1	59.3	61.3	62.3	62.4	63.0	63.1	63.7	63.4	63.5	63.6	63.7
≥ 9000	28.2	43.5	49.1	55.0	58.4	60.7	62.8	63.8	63.8	64.4	64.0	64.6	64.9	64.9	65.1	65.2
≥ 8000	28.7	44.4	50.5	56.5	60.0	62.5	64.6	65.6	65.7	66.3	66.3	66.5	66.7	66.8	66.9	67.0
≥ 7000	29.0	45.3	51.2	57.4	61.1	63.7	65.8	67.0	67.0	67.6	67.3	67.9	68.1	68.2	68.3	68.4
≥ 6000	30.0	47.0	53.4	59.7	63.5	66.3	68.5	69.7	69.7	70.4	70.7	70.7	70.9	71.0	71.1	71.2
≥ 5000	30.4	47.9	54.3	61.1	65.0	67.8	70.2	71.4	71.5	72.2	72.4	72.4	72.7	72.7	72.9	73.0
≥ 4500	31.2	49.1	55.9	62.9	66.9	69.8	72.2	73.5	73.5	74.2	74.4	74.4	74.7	74.8	74.9	75.0
≥ 4000	32.5	51.6	58.6	66.0	70.3	73.3	75.8	77.1	77.1	77.8	78.1	78.1	78.3	78.4	78.5	78.6
≥ 3500	33.8	53.6	60.6	68.5	73.1	76.2	78.7	80.1	80.1	80.9	81.1	81.1	81.4	81.5	81.6	81.7
≥ 3000	34.5	55.3	62.9	71.0	75.7	79.1	81.6	83.1	83.1	83.8	84.1	84.1	84.4	84.4	84.6	84.7
≥ 2500	35.3	56.8	64.7	73.1	78.0	81.4	84.1	85.6	85.6	86.3	86.6	86.6	86.9	87.0	87.1	87.2
≥ 2000	35.9	58.0	66.1	74.9	79.9	83.5	86.3	87.9	88.0	88.7	89.3	89.0	89.3	89.3	89.5	89.6
≥ 1800	36.0	58.4	66.5	75.3	80.4	84.1	86.9	88.5	88.6	89.4	89.7	89.7	89.9	90.0	90.1	90.2
≥ 1500	36.3	59.0	67.3	76.4	81.7	85.4	88.4	90.1	90.1	90.9	91.2	91.3	91.5	91.6	91.7	91.8
≥ 1200	36.6	59.4	67.9	77.1	82.8	86.7	89.8	91.5	91.6	92.4	92.7	92.7	93.0	93.0	93.2	93.3
≥ 1000	36.9	60.1	68.6	78.3	84.1	88.1	91.4	93.2	93.2	94.0	94.3	94.3	94.6	94.7	94.8	94.9
≥ 900	36.9	60.2	68.8	78.6	84.4	88.5	91.7	93.6	93.6	94.4	94.7	94.7	95.0	95.1	95.2	95.3
≥ 800	36.9	60.3	68.9	78.8	84.7	88.9	92.3	94.2	94.2	95.0	95.3	95.3	95.6	95.7	95.8	95.9
≥ 700	37.0	60.4	69.0	79.0	84.9	89.1	92.6	94.5	94.6	95.4	95.7	95.7	96.0	96.0	96.2	96.3
≥ 600	37.0	60.5	69.1	79.2	85.1	89.4	93.0	95.0	95.1	95.9	96.3	96.3	96.5	96.6	96.7	96.8
≥ 500	37.0	60.6	69.3	79.4	85.3	89.7	93.5	95.7	95.7	96.7	97.0	97.0	97.3	97.4	97.6	97.6
≥ 400	37.0	60.6	69.3	79.5	85.4	89.9	93.9	96.1	96.1	97.2	97.6	97.6	97.9	98.0	98.1	98.2
≥ 300	37.0	60.6	69.3	79.5	85.5	90.0	94.1	96.5	96.6	97.9	98.3	98.3	98.7	98.7	98.9	99.0
≥ 200	37.0	60.6	69.3	79.5	85.5	90.0	94.2	96.7	96.8	98.1	98.6	98.6	99.0	99.1	99.3	99.4
≥ 100	37.0	60.6	69.3	79.5	85.5	90.0	94.2	96.7	96.8	98.1	98.6	98.6	99.1	99.2	99.5	99.5
≥ 0	37.0	60.6	69.3	79.5	85.5	90.0	94.2	96.7	96.8	98.1	98.6	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR CATER SERVICE/MAC

CEILING VERSUS VISIBILITY

9463
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-71
YEARS

1000-1200
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1200
MONTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	26.6	41.4	45.2	51.3	54.1	55.5	56.7	56.7	56.7	57.0	57.2	57.7	57.4	57.4	57.5	57.7
≥ 20000	26.6	41.4	45.2	51.3	54.1	55.5	56.7	56.7	56.7	57.0	57.2	57.7	57.4	57.4	57.5	57.7
≥ 18000	28.2	46.6	51.2	58.4	62.0	63.4	64.7	64.7	64.7	65.1	65.3	65.3	65.5	65.5	65.6	65.8
≥ 16000	28.2	46.6	51.2	58.4	62.0	63.4	64.7	64.7	64.7	65.1	65.3	65.3	65.5	65.5	65.6	65.8
≥ 14000	28.2	46.6	51.2	58.4	62.0	63.4	64.7	64.7	64.7	65.1	65.3	65.3	65.5	65.5	65.6	65.8
≥ 12000	28.2	46.6	51.2	58.4	62.0	63.4	64.7	64.7	64.7	65.1	65.3	65.3	65.5	65.5	65.6	65.8
≥ 10000	29.7	50.3	56.9	65.9	70.2	71.8	73.4	73.4	73.4	73.9	74.1	74.1	74.3	74.3	74.4	74.6
≥ 9000	30.1	51.1	57.8	66.9	71.4	73.0	74.6	74.7	74.7	75.2	75.4	75.4	75.6	75.6	75.7	75.9
≥ 8000	30.5	52.6	59.3	68.9	73.4	75.2	76.8	76.9	76.9	77.3	77.5	77.5	77.7	77.7	77.8	78.1
≥ 7000	30.8	53.3	60.3	69.9	74.4	76.1	77.8	78.0	78.0	78.4	78.6	78.6	78.8	78.8	78.9	79.1
≥ 6000	31.8	55.7	63.0	73.1	77.7	79.5	81.2	81.4	81.4	81.8	82.0	82.0	82.3	82.3	82.4	82.6
≥ 5000	32.2	56.6	63.9	74.2	78.8	80.5	82.3	82.5	82.5	82.9	83.1	83.1	83.3	83.3	83.4	83.7
≥ 4500	32.4	57.2	64.6	75.3	80.0	81.7	83.4	83.7	83.7	84.1	84.3	84.3	84.5	84.5	84.6	84.8
≥ 4000	32.7	58.4	65.8	76.6	81.6	83.3	85.1	85.3	85.3	85.7	85.9	85.9	86.1	86.1	86.2	86.5
≥ 3500	32.9	59.1	66.9	78.2	83.3	85.1	86.8	87.0	87.0	87.4	87.6	87.6	87.8	87.8	88.0	88.2
≥ 3000	33.3	60.1	68.2	79.7	84.9	87.0	88.8	89.0	89.0	89.5	89.7	89.7	89.9	89.9	90.0	90.2
≥ 2500	33.7	60.9	69.1	80.9	86.1	88.2	90.0	90.3	90.3	90.8	91.0	91.0	91.2	91.2	91.3	91.5
≥ 2000	34.0	61.5	70.3	82.2	87.3	89.6	91.4	91.8	91.8	92.3	92.5	92.5	92.7	92.7	92.8	93.0
≥ 1800	34.2	61.7	70.5	82.9	88.0	90.4	92.3	92.7	92.7	93.1	93.3	93.3	93.5	93.5	93.7	93.9
≥ 1500	34.4	62.1	71.4	83.5	88.9	91.1	92.9	93.3	93.3	93.8	94.0	94.0	94.2	94.2	94.3	94.5
≥ 1200	34.4	62.3	71.9	84.1	89.5	91.6	93.4	93.9	93.9	94.3	94.5	94.5	94.7	94.7	94.8	95.1
≥ 1000	34.6	62.6	72.4	84.5	89.9	92.0	93.8	94.3	94.3	94.7	94.9	94.9	95.2	95.2	95.3	95.5
≥ 900	34.6	62.8	72.7	84.9	90.3	92.5	94.3	94.7	94.7	95.2	95.4	95.4	95.6	95.6	95.7	96.0
≥ 800	34.6	63.0	73.0	85.3	90.6	92.8	94.6	95.1	95.1	95.5	95.7	95.7	95.9	95.9	96.0	96.3
≥ 700	34.6	63.3	73.4	85.7	91.1	93.2	95.1	95.5	95.5	95.9	96.1	96.1	96.3	96.3	96.5	96.8
≥ 600	34.6	63.4	73.5	85.9	91.3	93.7	95.8	96.3	96.3	96.8	97.0	97.0	97.2	97.2	97.3	97.6
≥ 500	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6
≥ 400	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6
≥ 300	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6
≥ 200	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6
≥ 100	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6
≥ 0	34.7	63.9	74.0	86.3	91.8	94.2	96.6	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GIR PITTSBURGH IAP/FITTSBURGH PA
STATION NAME

9-70
YEAR

ADD
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	15.2	27.4	33.2	40.2	44.9	47.2	48.1	50.5	50.5	51.5	52.0	52.0	52.6	52.6	52.8	53.0
≥ 20000	10.2	30.6	37.1	45.8	52.0	55.1	57.3	59.0	59.0	60.0	60.5	60.5	61.1	61.1	61.3	61.5
≥ 18000	16.2	30.6	37.1	45.8	52.0	55.1	57.3	59.0	59.0	60.0	60.5	60.5	61.1	61.1	61.3	61.5
≥ 15000	16.2	30.6	37.1	45.8	52.0	55.1	57.3	59.0	59.0	60.0	60.5	60.5	61.1	61.1	61.3	61.5
≥ 14000	16.7	31.5	38.2	47.1	53.0	56.8	59.0	60.8	60.8	61.7	62.3	62.3	62.8	62.8	63.0	63.2
≥ 12000	17.4	33.5	40.5	50.4	57.4	60.4	62.7	64.5	64.5	65.5	66.0	66.0	66.6	66.6	66.8	67.0
≥ 10000	18.4	35.5	43.1	53.5	60.5	63.5	65.8	67.6	67.6	68.6	69.1	69.1	69.7	69.7	69.9	70.1
≥ 9000	18.7	36.4	44.4	55.2	62.3	65.3	67.0	69.5	69.5	70.4	71.0	71.0	71.5	71.5	71.7	71.9
≥ 8000	19.1	38.0	46.0	57.4	64.6	67.8	70.2	72.0	72.0	73.0	73.5	73.5	74.1	74.1	74.3	74.5
≥ 7000	19.5	38.6	46.6	58.2	65.4	68.6	71.1	73.0	73.0	74.0	74.5	74.5	75.1	75.1	75.3	75.5
≥ 6000	20.2	39.9	48.0	60.2	67.4	70.8	73.5	75.6	75.6	76.6	77.1	77.1	77.6	77.6	77.8	78.1
≥ 5000	20.8	40.8	49.7	61.7	68.9	72.6	75.3	77.5	77.5	78.5	79.0	79.0	79.6	79.6	79.8	80.0
≥ 4500	21.0	41.2	50.2	62.7	69.9	73.9	76.5	78.9	78.9	79.9	80.0	80.0	80.5	80.5	80.8	81.0
≥ 4000	21.3	41.9	51.0	63.9	71.4	75.1	78.3	80.3	80.3	81.3	81.3	81.3	81.9	81.9	82.2	82.4
≥ 3500	21.4	42.4	51.4	64.5	72.2	75.8	79.1	81.3	81.3	82.5	83.1	83.1	83.7	83.7	83.9	84.1
≥ 3000	21.6	43.0	52.3	65.5	73.2	76.9	80.2	82.4	82.4	83.5	84.2	84.2	84.7	84.7	84.9	85.2
≥ 2500	21.7	43.2	52.5	65.8	74.0	77.7	81.1	83.2	83.2	84.4	85.1	85.1	85.6	85.6	85.8	86.0
≥ 2000	22.2	44.3	53.4	67.0	75.3	79.1	82.7	84.8	84.8	86.0	86.7	86.7	87.2	87.2	87.4	87.6
≥ 1800	22.2	44.3	53.4	67.0	75.3	79.1	82.7	84.8	84.8	86.0	86.7	86.7	87.2	87.2	87.4	87.6
≥ 1500	22.3	44.5	54.3	68.3	76.8	80.6	84.2	86.3	86.3	87.5	88.2	88.2	88.7	88.7	89.0	89.2
≥ 1200	22.3	44.5	54.3	68.5	77.1	81.2	84.8	87.0	87.0	88.2	88.8	88.8	89.4	89.4	89.7	89.9
≥ 1000	22.3	44.6	54.4	68.6	77.2	81.3	84.9	87.2	87.2	88.4	89.0	89.0	89.6	89.6	89.9	90.1
≥ 900	22.3	44.8	54.8	69.2	77.8	81.9	85.6	87.8	87.8	89.0	89.7	89.7	90.2	90.2	90.5	90.8
≥ 800	22.3	45.2	55.3	69.8	78.4	82.5	86.1	88.4	88.4	89.6	90.2	90.2	90.8	90.8	91.1	91.3
≥ 700	22.3	45.3	55.6	70.2	78.8	82.9	86.6	88.8	88.8	90.0	90.6	90.6	91.2	91.2	91.5	91.7
≥ 600	22.3	45.3	55.7	70.5	79.4	83.9	87.3	89.6	89.6	90.8	91.4	91.4	91.9	91.9	92.3	92.5
≥ 500	22.3	45.6	56.0	71.0	80.1	84.4	88.3	90.6	90.6	91.8	92.6	92.6	93.1	93.1	93.4	93.7
≥ 400	22.3	45.8	56.6	72.0	81.2	85.8	89.9	92.5	92.5	94.0	94.7	94.7	95.3	95.3	95.6	95.8
≥ 300	22.3	45.8	56.6	72.2	81.3	86.1	90.5	93.1	93.1	94.6	95.4	95.4	95.9	95.9	96.2	96.5
≥ 200	22.3	45.8	56.6	72.2	81.4	86.2	90.8	93.4	93.4	95.2	96.0	96.0	96.8	96.8	97.2	97.4
≥ 100	22.3	45.8	56.6	72.2	81.3	86.3	90.8	93.4	93.4	95.3	96.2	96.2	97.4	97.4	98.1	98.7
≥ 0	22.3	45.8	56.6	72.2	81.3	86.3	90.8	93.4	93.4	95.3	96.2	96.2	97.4	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR EATHER SERVICE/AC

CEILING VERSUS VISIBILITY

94822 GTR PITTSBURGH IAP/PITTSBURGH PA

0-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.4	15.4	18.3	22.7	26.3	31.2	3.1	41.4	41.4	44.7	46.3	46.3	47.3	47.3	47.7	49.0
≥20000	8.2	16.6	20.1	25.7	30.1	35.7	4.3	47.5	47.5	51.7	53.2	53.2	54.2	54.3	54.7	54.9
IV 18000	8.3	16.6	20.1	25.8	30.1	35.4	4.4	47.6	47.6	51.8	53.4	53.4	54.4	54.4	54.8	55.1
IV 16000	8.2	16.6	20.1	25.8	30.1	35.8	4.4	47.5	47.6	51.8	53.4	53.4	54.4	54.4	54.9	55.1
IV 14000	8.3	17.4	21.2	27.3	31.4	37.2	44.8	49.0	49.0	53.3	54.4	54.4	55.4	55.4	56.3	56.8
IV 12000	8.3	18.3	22.3	28.5	33.1	39.8	4.8	51.2	51.2	55.6	57.2	57.2	58.2	58.2	58.6	58.8
IV 10000	8.9	18.3	23.8	30.3	35.3	41.2	4.7	54.1	54.2	58.9	60.2	60.2	61.5	61.5	61.9	62.2
IV 9000	9.0	19.3	24.3	31.1	36.0	42.7	5.4	56.1	56.2	61.1	62.7	62.7	63.7	63.7	64.1	64.2
IV 8000	9.3	20.8	25.3	32.2	37.7	44.0	53.2	58.1	58.2	63.4	65.3	65.3	66.2	66.2	66.7	66.9
IV 7000	9.7	21.1	25.3	32.6	38.3	44.7	54.2	59.1	59.2	64.6	66.3	66.3	67.3	67.3	68.0	68.2
IV 6000	10.0	21.6	26.0	34.2	40.0	46.9	56.7	61.6	61.7	67.3	69.2	69.2	70.4	70.4	70.9	71.1
IV 5000	10.1	22.6	27.2	35.3	41.1	48.3	5.5	63.8	64.0	69.6	71.5	71.5	72.7	72.7	73.1	73.3
IV 4500	10.2	22.3	27.3	35.3	41.5	48.7	53.0	64.5	64.7	70.4	72.4	72.4	73.5	73.5	74.0	74.2
IV 4000	10.3	23.0	28.6	36.7	42.2	50.1	61.0	66.7	67.0	73.1	75.1	75.1	76.2	76.2	76.7	76.9
IV 3500	10.6	23.4	29.0	37.3	43.7	51.0	62.0	68.0	68.3	74.4	76.3	76.3	77.5	77.5	78.0	78.2
IV 3000	10.8	23.7	29.2	37.7	44.4	51.8	63.0	69.1	69.5	75.6	77.6	77.6	78.9	78.9	79.4	79.6
IV 2500	11.1	24.2	30.1	38.7	45.3	53.0	64.2	70.4	70.9	77.1	79.1	79.1	80.4	80.4	80.9	81.1
IV 2000	11.4	25.1	31.1	39.8	46.6	54.2	62.4	71.6	72.0	78.4	80.4	80.4	81.7	81.7	82.2	82.4
IV 1800	11.4	25.1	31.1	39.8	46.6	54.2	63.5	71.7	72.2	78.6	80.6	80.6	81.9	81.9	82.4	82.6
IV 1500	11.5	25.4	31.5	40.5	47.2	54.9	63.3	72.7	73.2	79.7	81.7	81.7	83.0	83.0	83.4	83.7
IV 1200	11.3	25.9	32.0	41.4	48.2	56.0	67.4	73.8	74.3	81.0	83.0	83.0	84.3	84.3	84.7	84.9
IV 1000	11.5	26.0	32.5	42.0	49.0	56.9	62.4	75.5	76.0	82.9	84.9	84.9	86.2	86.2	86.8	87.0
IV 900	11.3	25.0	32.8	42.3	49.8	57.6	69.4	76.3	77.0	83.9	85.9	85.9	87.3	87.3	87.7	88.0
IV 800	11.3	25.2	33.1	43.0	50.3	58.5	70.2	77.4	78.0	84.8	86.3	86.3	88.3	88.3	88.7	88.9
IV 700	11.3	26.6	33.4	43.7	51.3	59.7	71.6	78.9	79.5	86.3	88.4	88.4	89.8	89.8	90.2	90.4
IV 600	11.6	27.0	33.9	44.2	52.0	60.5	72.0	79.9	80.4	87.5	89.6	89.6	91.0	91.0	91.4	91.6
IV 500	11.6	27.1	34.1	44.4	52.3	61.0	73.5	81.2	81.7	88.9	91.0	91.0	92.5	92.5	92.9	93.1
IV 400	11.6	27.1	34.3	44.7	52.6	61.3	74.3	82.0	82.6	90.2	92.4	92.4	93.9	93.9	94.4	94.6
IV 300	11.6	27.2	34.4	44.8	52.9	61.6	74.5	82.5	83.0	90.8	93.0	93.0	94.6	94.6	95.3	95.5
IV 200	11.6	27.2	34.4	44.8	52.9	61.6	74.6	82.7	83.2	91.2	93.5	93.5	95.5	95.5	96.1	96.3
IV 100	11.6	27.2	34.4	44.8	52.9	61.6	74.6	82.8	83.3	91.3	93.9	93.9	96.2	96.2	97.4	98.2
IV 0	11.6	27.2	34.4	44.8	52.9	61.6	74.6	82.8	83.3	91.3	93.9	93.9	96.2	96.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1912

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94863 GTR PITTSBURGH IAP/PITTSBURGH PA

0-7

236

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	14.5	27.7	31.4	36.1	41.1	44.3	4.3	39.1	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥20000	15.6	28.7	34.6	40.1	45.5	47.7	5.1	34.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥18000	15.6	28.7	34.6	40.1	45.5	47.7	5.1	34.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥16000	15.6	28.7	34.6	40.1	45.5	47.7	5.1	34.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥14000	15.7	28.9	35.1	40.4	45.9	48.6	5.7	34.5	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1
≥12000	16.6	31.2	36.0	42.5	48.2	52.2	5.2	37.2	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥10000	16.6	31.2	36.0	42.5	48.2	52.2	5.2	37.2	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥9000	16.6	31.2	36.0	42.5	48.2	52.2	5.2	37.2	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥8000	17.0	34.1	39.6	46.7	51.9	56.0	5.4	31.4	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2
≥7000	17.3	34.3	40.3	47.7	52.9	57.2	5.6	32.6	62.7	63.1	63.4	63.4	63.4	63.4	63.4	63.4
≥6000	17.7	35.8	41.4	48.3	54.6	59.2	5.0	35.1	65.2	65.6	65.9	65.9	65.9	65.9	65.9	65.9
≥5000	18.0	36.9	42.0	49.2	55.5	60.1	5.2	36.2	66.3	66.8	67.1	67.1	67.1	67.1	67.1	67.1
≥4500	18.4	37.6	43.3	50.4	56.8	61.3	5.6	37.7	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6
≥4000	18.7	38.4	44.4	51.5	58.4	62.2	6.0	39.9	70.0	70.4	70.8	70.8	70.8	70.8	70.8	70.8
≥3500	19.1	39.4	45.9	53.1	59.4	64.3	7.3	41.6	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5
≥3000	20.2	40.8	47.1	54.5	61.4	67.3	7.9	44.4	74.7	75.2	75.6	75.6	75.6	75.6	75.6	75.6
≥2500	21.6	42.8	49.2	57.1	64.3	69.9	7.6	47.1	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3
≥2000	24.0	45.5	52.4	60.4	67.8	73.5	7.6	51.1	81.4	81.8	82.3	82.3	82.3	82.3	82.3	82.3
≥1800	24.2	45.9	52.8	60.9	68.0	74.4	8.4	51.9	82.3	82.7	83.1	83.1	83.1	83.1	83.1	83.1
≥1500	24.6	47.7	54.3	62.0	70.2	76.9	8.1	54.6	84.9	85.5	85.9	85.9	85.9	85.9	85.9	85.9
≥1200	25.2	49.1	56.5	65.2	73.1	79.4	8.7	57.3	87.6	88.2	88.6	88.6	88.6	88.6	88.6	88.6
≥1000	25.5	49.7	57.1	66.2	74.7	81.3	87.6	59.7	90.0	90.5	91.0	91.0	91.0	91.0	91.0	91.0
≥900	25.6	49.8	57.6	67.1	75.7	82.3	88.6	60.9	91.2	91.7	92.2	92.2	92.2	92.2	92.2	92.2
≥800	25.7	50.2	58.2	68.1	76.9	83.7	9.3	62.5	92.9	93.4	93.9	93.9	93.9	93.9	93.9	93.9
≥700	25.8	50.5	58.5	68.6	77.3	84.4	9.3	63.4	93.9	94.7	95.2	95.2	95.2	95.2	95.2	95.2
≥600	25.9	50.9	58.8	69.3	78.3	85.2	9.4	64.8	95.3	96.2	96.7	96.7	96.7	96.7	96.7	96.7
≥500	25.9	50.9	58.8	69.2	78.7	85.3	9.3	65.6	96.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥400	25.9	50.9	58.8	69.2	78.8	85.9	9.3	66.1	96.6	98.3	98.8	98.8	98.8	98.8	98.8	98.8
≥300	25.9	50.9	58.8	69.2	78.8	85.9	9.3	66.2	96.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8
≥200	25.9	50.9	58.8	69.2	78.8	85.9	9.3	66.2	96.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8
≥100	25.9	50.9	58.8	69.2	78.8	85.9	9.3	66.2	96.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8
≥0	25.9	50.9	58.8	69.2	78.8	85.9	9.3	66.2	96.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

94872 GTR PITTSBURGH IAP/PITTSBURGH PA

2-7-

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1400

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01	≥ 0
NO CEILING	21.0	29.6	33.3	35.1	35.1	37.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	23.1	33.2	27.4	39.2	40.4	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	23.1	33.4	37.4	39.1	40.9	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 16000	23.1	33.4	37.4	39.5	40.9	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 14000	23.3	33.9	38.1	39.4	41.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000	23.8	34.9	39.1	41.2	42.1	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	24.4	35.5	41.4	44.2	45.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 9000	24.7	36.2	43.0	46.0	47.0	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 8000	24.8	36.7	43.0	46.9	48.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 7000	25.1	37.2	44.4	47.9	49.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 6000	25.0	40.3	45.0	49.4	51.1	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 5000	27.2	41.3	48.4	51.9	53.1	55.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	28.6	44.2	51.0	55.1	57.1	59.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000	30.4	47.2	54.4	59.1	61.1	64.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	33.2	52.8	60.3	66.3	69.3	72.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	55.9	57.9	66.0	72.7	75.9	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	37.3	57.3	69.9	76.9	80.4	83.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	39.0	62.9	72.8	80.9	84.9	88.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	39.2	63.3	73.3	81.4	85.0	89.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	39.3	64.4	75.2	83.7	88.1	91.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	40.1	65.1	75.0	84.5	89.1	92.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	40.3	65.7	76.9	85.5	90.0	93.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	40.3	65.9	76.9	85.9	90.4	94.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	40.3	65.9	76.9	86.2	90.1	94.4	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	40.3	65.9	76.9	86.2	90.3	94.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	40.3	66.0	77.1	86.5	91.1	94.8	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	40.3	66.0	77.1	86.5	91.3	94.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	40.3	66.0	77.1	86.5	91.4	95.3	97.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	40.3	66.0	77.1	86.5	91.4	95.3	97.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	40.3	66.0	77.1	86.5	91.3	95.4	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	40.3	66.0	77.1	86.5	91.3	95.4	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	40.3	66.0	77.1	86.5	91.3	95.4	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 11-64 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1913

GLOBAL CLIMATE DATA
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94824 GTR PITTSBURGH IAP/PITTSBURGH PA

0-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	25.7	35.2	39.3	43.4	44.3	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥20000	29.0	41.3	46.1	50.3	51.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥18000	29.7	41.4	46.2	50.4	51.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥16000	29.7	41.4	46.2	50.4	51.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥14000	29.8	41.6	46.3	50.5	51.5	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥12000	29.9	42.3	47.2	51.4	52.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥10000	30.0	43.9	49.1	53.4	54.4	55.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥9000	31.0	44.5	49.9	54.5	55.5	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥8000	32.3	47.7	52.0	57.8	58.8	60.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥7000	33.3	48.7	54.4	59.7	60.7	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥6000	34.5	50.3	56.9	62.9	64.2	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥5000	36.9	52.9	60.0	66.7	67.7	69.2	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥4500	37.2	54.6	61.6	68.2	70.3	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥4000	39.4	59.5	66.7	74.3	76.4	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥3500	41.4	63.7	71.3	79.4	82.3	84.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥3000	42.3	65.9	75.0	84.5	87.7	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥2500	42.6	66.9	77.0	86.7	89.5	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥2000	43.3	69.2	78.4	88.3	91.3	92.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1800	43.4	69.4	78.5	88.4	91.3	94.1	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1500	44.0	69.6	79.6	89.4	93.3	95.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1200	44.2	69.6	79.6	89.4	93.4	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1000	44.3	69.9	80.2	90.2	93.9	96.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥900	44.3	70.0	80.4	90.4	94.2	96.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥800	44.3	70.3	80.5	90.5	94.3	96.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥700	44.3	70.3	80.9	90.9	94.7	97.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥600	44.3	70.3	80.9	90.9	94.7	97.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥500	44.3	70.3	80.9	90.9	94.7	97.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥400	44.3	70.3	81.0	91.3	95.2	97.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥300	44.3	70.3	81.1	91.4	95.3	98.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	44.3	70.3	81.1	91.4	95.3	98.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	44.3	70.3	81.1	91.4	95.3	98.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	44.3	70.3	81.1	91.4	95.3	98.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

948.3
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-7
YEARS

61
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	30.3	41.9	46.4	51.6	53.4	55.3	57.8	55.8	55.8	55.8	55.3	55.3	55.0	55.3	55.8	55.8
≥ 20000	33.0	48.0	53.9	61.3	63.2	65.7	68.0	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 18000	33.2	48.3	54.1	61.5	63.8	65.9	68.0	66.8	66.8	66.8	66.3	66.3	66.9	66.9	66.9	66.9
≥ 16000	33.3	48.5	54.4	61.8	64.1	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 14000	33.7	48.7	55.1	62.5	64.8	67.0	67.8	67.8	67.8	67.8	67.3	67.3	68.0	68.0	68.0	68.0
≥ 12000	34.4	50.8	57.0	64.7	67.2	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 10000	35.2	52.4	58.9	67.2	69.9	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7
≥ 9000	35.4	53.4	60.0	68.4	71.2	73.7	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 8000	36.8	55.6	62.4	71.0	74.1	76.8	77.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 7000	37.4	57.0	63.7	72.5	76.1	79.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 6000	39.0	60.1	67.1	76.9	80.4	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 5000	39.7	61.9	69.1	78.9	82.0	85.6	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 4500	40.2	62.8	70.1	80.3	84.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 4000	41.1	64.7	72.2	82.8	87.0	90.0	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 3500	41.4	65.9	73.4	84.1	88.4	91.4	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 3000	42.3	67.4	74.9	85.7	90.1	93.1	94.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8
≥ 2500	42.7	68.3	75.8	86.3	91.1	94.1	95.9	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2000	43.1	68.7	76.3	87.1	91.6	94.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1800	43.3	69.0	76.7	87.4	91.9	94.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1500	43.4	69.1	76.8	87.5	92.0	95.2	97.1	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1200	43.4	69.2	76.9	87.6	92.1	95.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1000	43.4	69.2	76.9	87.6	92.1	95.4	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.2	98.3	98.3
≥ 900	43.4	69.2	76.9	87.6	92.1	95.4	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.2	98.3	98.3
≥ 800	43.4	69.2	76.9	87.6	92.1	95.4	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.2	98.3	98.3
≥ 700	43.4	69.2	76.9	87.6	92.1	95.4	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.2	98.3	98.3
≥ 600	43.7	69.6	77.3	88.1	92.7	95.8	98.4	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 500	43.7	69.6	77.4	88.2	92.8	95.9	98.5	98.7	98.7	99.0	99.1	99.2	99.5	99.5	99.5	99.5
≥ 400	43.7	69.6	77.4	88.3	92.9	96.0	98.6	98.9	98.9	99.2	99.4	99.4	99.5	99.7	99.7	99.7
≥ 300	43.7	69.6	77.4	88.3	92.9	96.0	98.7	99.0	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9
≥ 200	43.7	69.6	77.4	88.3	92.9	96.0	98.8	99.1	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	43.7	69.6	77.4	88.3	92.9	96.0	98.8	99.1	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0
≥ 0	43.7	69.6	77.4	88.3	92.9	96.0	98.8	99.1	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1914

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA

9-76

YEARS

NO.
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400
HOURS LT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	31.7	47.0	52.8	56.3	58.3	60.1	61.3	62.5	63.5	64.5	65.5	66.5	67.5	68.5	69.5	70.5
≥ 20000	33.3	52.6	59.2	63.5	67.2	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	33.5	52.8	59.2	63.5	67.2	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	33.5	52.8	59.2	63.5	67.2	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	34.3	53.4	60.2	64.6	68.3	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	34.6	55.4	62.6	67.2	71.1	72.7	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	35.4	57.4	64.7	69.9	73.3	75.6	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	35.9	58.2	65.8	71.2	75.3	77.3	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	36.2	59.6	67.5	73.3	77.2	79.2	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	36.9	61.3	69.5	75.2	79.4	81.6	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	38.0	63.3	71.8	77.6	82.2	84.4	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	38.7	64.9	73.7	79.4	84.1	86.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	39.0	65.8	74.7	81.1	85.0	87.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	40.3	67.5	76.6	82.9	87.7	90.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	41.0	68.7	77.8	84.3	89.1	91.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	41.2	69.4	79.2	85.8	90.5	93.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	41.5	70.3	79.8	86.8	91.4	93.8	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	42.3	71.7	81.3	88.1	92.3	95.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	42.3	71.9	81.5	88.3	93.1	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	42.4	72.3	81.8	88.6	93.4	95.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	42.5	72.8	82.4	89.1	94.0	96.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	42.5	72.8	82.4	89.1	94.1	96.5	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	42.6	72.9	82.5	89.4	94.3	96.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	42.6	73.0	82.6	89.5	94.4	96.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	42.6	73.4	83.0	89.9	94.8	97.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	42.7	73.5	83.1	90.0	94.9	97.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	42.7	73.5	83.2	90.1	95.1	97.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	42.7	73.5	83.3	90.3	95.3	97.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	42.8	73.7	83.4	90.4	95.4	98.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	42.8	73.7	83.4	90.4	95.4	98.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	42.8	73.7	83.4	90.4	95.4	98.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	42.8	73.7	83.4	90.4	95.4	98.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATE DIVISION
USAF ETAC
AIR PLATER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-75
YEARS

ALL
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING	21.5	37.1	37.3	42.1	44.9	46.9	49.6	49.6	50.2	50.5	50.5	50.7	50.7	50.8	50.9	
≥ 20000	23.4	37.3	42.3	48.0	51.3	54.0	57.0	57.0	57.7	58.0	58.1	58.3	58.3	58.4	58.4	
≥ 18000	23.5	37.4	42.3	48.1	51.6	54.0	57.1	57.1	57.8	58.1	58.1	58.3	58.3	58.4	58.5	
≥ 16000	23.5	37.4	42.6	48.2	51.7	54.1	57.2	57.2	57.9	58.2	58.2	58.4	58.4	58.5	58.6	
≥ 14000	23.8	38.0	43.3	49.0	52.0	55.0	57.2	58.0	58.1	58.8	59.1	59.1	59.3	59.3	59.5	
≥ 12000	24.2	39.6	45.0	51.2	54.3	57.5	59.7	60.6	60.6	61.4	61.7	61.7	62.0	62.0	62.1	
≥ 10000	24.9	41.0	47.0	53.7	57.0	60.2	62.7	63.6	63.6	64.4	64.4	64.4	65.0	65.0	65.1	
≥ 9000	25.3	41.9	48.1	54.9	58.9	61.7	64.2	65.1	65.1	66.0	66.3	66.3	66.3	66.5	66.6	
≥ 8000	25.3	43.3	49.3	56.7	60.8	63.6	66.2	67.2	67.2	68.1	68.3	68.5	68.7	68.7	68.8	
≥ 7000	26.3	44.3	50.6	57.9	62.1	65.1	67.7	68.7	68.7	69.6	70.0	70.0	70.2	70.2	70.3	
≥ 6000	27.2	45.9	52.6	60.3	64.7	67.9	70.6	71.6	71.7	72.6	73.0	73.0	73.2	73.2	73.3	
≥ 5000	27.9	47.3	54.2	62.1	66.5	69.9	72.7	73.8	73.9	74.8	75.2	75.2	75.4	75.4	75.5	
≥ 4500	28.4	48.2	55.4	63.6	68.2	71.5	74.5	75.7	75.7	76.7	77.0	77.0	77.3	77.3	77.4	
≥ 4000	29.3	50.0	57.4	66.0	70.9	74.3	77.6	78.8	78.8	79.8	80.2	80.2	80.5	80.5	80.6	
≥ 3500	30.1	51.8	59.3	68.5	73.6	77.0	80.4	81.6	81.6	82.7	83.1	83.1	83.3	83.3	83.4	
≥ 3000	30.9	52.6	61.6	70.8	76.1	79.7	83.1	84.3	84.4	85.5	85.9	85.9	86.2	86.2	86.3	
≥ 2500	31.5	54.6	62.9	72.3	77.8	81.5	84.9	86.3	86.3	87.4	87.8	87.8	88.1	88.1	88.2	
≥ 2000	32.4	56.0	64.5	74.2	79.6	83.5	87.1	88.4	88.5	89.6	90.0	90.1	90.3	90.3	90.4	
≥ 1800	32.5	56.2	64.8	74.5	80.1	83.9	87.5	88.8	88.9	90.0	90.4	90.5	90.7	90.7	90.8	
≥ 1500	32.8	56.8	65.6	75.5	81.2	85.1	88.8	90.2	90.3	91.4	91.9	91.9	92.1	92.1	92.2	
≥ 1200	32.9	57.3	66.1	76.2	82.0	86.0	89.8	91.2	91.3	92.4	92.8	92.9	93.1	93.1	93.2	
≥ 1000	33.1	57.5	66.3	76.7	82.6	86.6	90.4	92.0	92.1	93.2	93.7	93.7	94.0	94.0	94.1	
≥ 900	33.1	57.6	66.3	77.1	83.0	87.1	91.0	92.5	92.6	93.8	94.3	94.3	94.6	94.6	94.7	
≥ 800	33.1	57.5	67.0	77.5	83.5	87.6	91.5	93.1	93.2	94.4	94.8	94.8	95.1	95.1	95.3	
≥ 700	33.1	58.0	67.3	77.8	83.9	88.0	92.0	93.6	93.8	95.0	95.4	95.4	95.7	95.7	95.8	
≥ 600	33.2	58.2	67.5	78.1	84.3	88.5	92.6	94.2	94.4	95.7	96.1	96.1	96.4	96.4	96.5	
≥ 500	33.2	58.3	67.6	78.3	84.5	88.8	93.1	94.8	95.0	96.3	96.8	96.8	97.1	97.1	97.2	
≥ 400	33.2	58.4	67.8	78.4	84.9	89.3	93.7	95.6	95.7	97.2	97.7	97.7	98.0	98.0	98.2	
≥ 300	33.2	58.4	67.8	78.7	85.0	89.4	94.0	95.9	96.0	97.6	98.1	98.1	98.4	98.4	98.6	
≥ 200	33.2	58.4	67.8	78.7	85.0	89.5	94.0	96.1	96.2	97.9	98.4	98.5	98.9	98.9	99.0	
≥ 100	33.2	58.4	67.8	78.7	85.1	89.5	94.1	96.2	96.3	97.9	98.6	98.6	99.1	99.1	99.4	
≥ 0	33.2	58.4	67.8	78.7	85.1	89.5	94.1	96.2	96.3	97.9	98.6	98.6	99.1	99.1	99.4	

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PA

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA

9-73
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-3200
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	28.3	42.7	46.6	49.0	50.2	51.6	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.4	52.4
≥ 20000	29.2	44.8	48.9	52.1	54.3	55.4	55.3	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 18000	29.2	44.8	48.9	52.1	54.3	55.4	55.3	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 16000	29.6	45.2	49.3	52.4	54.6	55.9	55.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3
≥ 14000	29.7	45.4	49.6	52.4	55.0	56.1	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.6	57.6
≥ 12000	30.3	46.9	51.0	54.2	56.0	57.7	58.7	58.9	56.9	59.1	59.1	59.1	59.1	59.1	59.2	59.2
≥ 10000	32.8	50.4	55.1	58.8	61.2	62.3	61.4	63.7	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.0
≥ 9000	34.1	52.7	57.4	61.1	63.6	64.7	62.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 8000	35.6	54.4	59.4	63.1	65.8	67.0	65.1	68.3	68.3	68.6	68.6	68.6	68.6	68.7	68.8	68.8
≥ 7000	36.2	56.1	61.8	65.8	68.4	69.7	67.9	71.1	71.1	71.4	71.4	71.4	71.4	71.6	71.7	71.7
≥ 6000	39.4	60.2	66.3	70.8	73.6	74.8	73.3	76.7	76.7	77.1	77.1	77.1	77.2	77.2	77.3	77.3
≥ 5000	40.3	61.3	67.4	72.1	74.9	75.1	77.7	78.0	78.0	78.4	78.4	78.4	78.4	78.6	78.7	78.7
≥ 4500	40.7	62.0	68.1	72.8	75.7	76.2	75.4	78.8	78.8	79.2	79.2	79.2	79.3	79.3	79.4	79.4
≥ 4000	41.4	62.8	69.9	74.7	77.6	78.8	78.3	80.7	80.7	81.1	81.1	81.1	81.2	81.2	81.3	81.3
≥ 3500	42.0	64.7	71.0	76.0	79.3	80.6	82.2	82.6	82.6	83.0	83.0	83.0	83.1	83.1	83.2	83.2
≥ 3000	42.4	65.6	72.2	77.2	80.7	81.9	83.7	84.0	84.0	84.6	84.6	84.6	84.7	84.7	84.8	84.8
≥ 2500	42.6	66.2	73.0	78.0	81.7	83.0	84.8	85.1	85.1	85.7	85.7	85.7	85.8	85.8	85.9	85.9
≥ 2000	42.8	67.0	73.9	79.1	82.8	84.1	86.0	86.4	86.4	87.0	87.0	87.0	87.1	87.1	87.2	87.2
≥ 1800	42.9	67.7	74.1	79.4	83.1	84.4	86.3	86.8	86.8	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 1500	43.2	67.9	74.9	80.6	84.3	85.7	87.6	88.0	88.0	88.6	88.6	88.6	88.7	88.7	88.8	88.8
≥ 1200	43.4	68.4	75.7	81.7	85.4	86.8	88.9	89.3	89.3	89.9	89.9	89.9	90.0	90.0	90.1	90.1
≥ 1000	44.2	69.4	77.0	83.3	87.3	88.7	90.9	91.3	91.3	91.9	91.9	91.9	92.0	92.0	92.1	92.1
≥ 900	44.3	69.7	77.2	83.8	87.8	89.1	91.3	91.8	91.8	92.3	92.3	92.3	92.4	92.4	92.6	92.6
≥ 800	44.4	69.8	77.4	84.2	88.3	89.7	91.9	92.3	92.3	92.9	92.9	92.9	93.0	93.0	93.1	93.1
≥ 700	44.4	70.0	77.9	84.8	89.4	90.8	93.3	93.8	93.8	94.3	94.3	94.3	94.4	94.4	94.6	94.6
≥ 600	44.4	70.3	78.6	85.8	90.1	92.1	95.0	95.6	95.6	96.1	96.1	96.1	96.2	96.2	96.3	96.3
≥ 500	44.4	70.8	79.1	86.3	91.4	92.9	96.0	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 400	44.4	70.8	79.1	86.6	91.8	93.4	97.0	97.7	97.7	98.2	98.2	98.2	98.3	98.3	98.4	98.4
≥ 300	44.4	70.8	79.1	86.6	91.9	93.6	97.2	97.9	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 200	44.4	70.8	79.1	86.7	92.1	93.8	97.7	98.4	98.4	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 100	44.4	70.8	79.1	86.8	92.2	93.9	97.8	98.6	98.6	99.1	99.1	99.1	99.2	99.2	99.6	99.6
≥ 0	44.4	70.8	79.1	86.8	92.2	93.9	97.8	98.6	98.6	99.1	99.1	99.1	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATE DATA
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION 94923 GTR PITTSBURGH IAP/PITTSBURGH PA 9-7 YEARS SEP MONTH 0300-0500 HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	18.0	31.0	34.7	39.1	41.0	43.3	45.0	45.3	45.3	45.9	45.9	45.9	46.2	46.2	46.4	47.0
≥ 20000	18.3	33.2	37.0	42.8	45.4	47.9	49.8	50.2	50.2	50.8	50.8	50.8	51.1	51.1	51.3	51.9
≥ 18000	18.3	33.2	37.0	42.8	45.4	47.9	49.8	50.2	50.2	50.8	50.8	50.8	51.1	51.1	51.3	51.9
≥ 16000	18.4	33.3	37.2	43.0	46.1	48.1	50.0	50.4	50.4	51.0	51.0	51.0	51.3	51.3	51.6	52.1
≥ 14000	18.8	33.7	37.6	43.3	46.6	48.6	50.4	50.9	50.9	51.4	51.4	51.4	51.8	51.8	52.0	52.6
≥ 12000	19.3	35.0	39.0	44.8	48.3	50.6	52.4	52.9	52.9	53.4	53.4	53.4	53.8	53.8	54.0	54.6
≥ 10000	21.1	37.4	41.9	48.1	51.8	54.0	55.9	56.3	56.3	57.0	57.0	57.0	57.3	57.3	57.7	58.2
≥ 9000	22.6	39.6	44.3	50.8	54.4	56.9	58.8	59.2	59.2	59.9	59.9	59.9	60.2	60.2	60.6	61.1
≥ 8000	23.0	40.9	45.6	52.2	56.0	58.4	60.3	60.8	60.8	61.4	61.4	61.4	61.8	61.8	62.1	62.7
≥ 7000	23.4	41.4	46.7	53.1	57.0	59.4	61.7	62.1	62.1	62.8	62.8	62.8	63.1	63.1	62.4	64.0
≥ 6000	24.9	44.1	50.1	57.1	61.2	63.7	66.0	66.4	66.4	67.1	67.2	67.2	67.6	67.6	67.9	68.4
≥ 5000	26.3	45.8	52.0	59.1	63.2	65.7	68.0	68.4	68.4	69.1	69.2	69.2	69.6	69.6	69.9	70.4
≥ 4500	26.8	46.7	52.3	60.0	64.3	66.9	69.3	69.8	69.8	70.4	70.5	70.5	70.9	70.9	71.2	71.8
≥ 4000	27.2	47.2	53.8	61.3	66.0	68.7	71.1	71.7	71.7	72.3	72.4	72.4	72.8	72.8	73.1	73.7
≥ 3500	27.4	47.7	54.0	62.3	67.1	69.8	72.3	72.9	72.9	73.6	73.8	73.8	74.1	74.1	74.4	75.0
≥ 3000	27.7	48.6	55.4	63.4	68.1	71.0	73.6	74.2	74.2	75.0	75.2	75.2	75.6	75.6	75.9	76.4
≥ 2500	28.1	49.2	56.4	64.8	69.7	72.6	75.1	75.8	75.8	76.8	77.0	77.0	77.3	77.3	77.7	78.2
≥ 2000	29.1	50.6	57.8	66.4	71.4	74.6	77.2	78.0	78.0	79.0	79.2	79.2	79.6	79.6	79.9	80.4
≥ 1800	29.6	51.1	58.4	67.2	72.2	75.3	78.0	78.8	78.8	79.8	80.0	80.0	80.3	80.3	80.7	81.2
≥ 1500	29.9	51.4	58.9	67.8	72.9	76.0	78.7	79.7	79.7	80.7	80.9	80.9	81.2	81.2	81.5	82.1
≥ 1200	30.4	52.7	60.2	69.2	74.6	77.8	81.0	82.0	82.0	83.0	83.2	83.2	83.6	83.6	83.9	84.4
≥ 1000	30.6	53.3	61.1	70.8	76.4	79.7	83.1	84.2	84.2	85.2	85.4	85.4	85.8	85.8	86.1	86.7
≥ 900	30.7	53.8	61.7	71.4	77.2	80.4	83.1	85.2	85.2	86.3	86.6	86.6	86.9	86.9	87.2	87.8
≥ 800	31.1	54.4	62.4	72.3	78.1	81.4	85.2	86.4	86.4	87.0	87.8	87.8	88.1	88.1	88.4	89.0
≥ 700	31.1	54.8	63.1	73.3	79.3	82.7	85.7	87.9	87.9	89.0	89.2	89.2	89.6	89.6	89.9	90.4
≥ 600	31.1	55.0	63.4	73.9	80.1	83.4	87.9	89.1	89.1	90.2	90.4	90.4	90.8	90.8	91.1	91.7
≥ 500	31.1	55.1	63.8	74.4	81.3	84.7	89.3	90.6	90.6	91.8	92.0	92.0	92.3	92.3	92.7	93.2
≥ 400	31.1	55.4	64.2	75.0	82.0	85.6	90.7	92.2	92.2	93.7	94.0	94.0	94.3	94.3	94.7	95.2
≥ 300	31.1	55.4	64.2	75.0	82.0	85.8	91.1	93.0	93.0	94.7	95.1	95.1	95.4	95.4	95.8	96.3
≥ 200	31.1	55.4	64.2	75.0	82.0	86.2	91.6	93.6	93.6	95.7	96.3	96.3	96.9	96.9	97.1	97.9
≥ 100	31.1	55.4	64.2	75.0	82.0	86.2	91.7	93.8	93.8	95.9	96.7	96.7	97.7	97.7	98.1	98.9
≥ 0	31.1	55.4	64.2	75.0	82.0	86.2	91.7	93.8	93.8	95.9	96.7	96.7	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

19-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	10.1	12.4	22.7	27.4	31.7	34.2	37.2	39.8	39.8	41.3	41.9	41.9	42.7	42.7	43.4	44.0
≥ 20000	11.3	20.4	25.0	29.9	34.1	36.9	40.7	43.2	43.2	44.8	45.5	45.5	46.2	46.2	47.0	48.3
≥ 18000	11.3	20.4	25.0	29.9	34.1	36.9	40.7	43.2	43.2	44.9	45.4	45.4	46.2	46.3	47.1	48.4
≥ 16000	11.3	20.4	25.1	30.7	34.2	36.9	40.9	43.4	43.4	45.0	45.6	45.6	46.4	46.4	47.2	48.6
≥ 14000	11.3	20.7	25.2	30.1	34.3	37.3	41.0	44.1	44.1	45.8	46.3	46.3	47.2	47.2	48.0	49.3
≥ 12000	11.6	21.3	26.1	31.5	36.3	39.1	43.4	46.0	46.0	47.7	48.2	48.2	49.1	49.1	49.9	51.2
≥ 10000	12.3	22.6	27.8	33.7	38.0	41.7	46.2	48.8	48.8	50.4	51.0	51.0	51.9	51.9	52.7	54.0
≥ 9000	12.3	23.4	29.1	35.0	39.9	43.0	47.6	50.1	50.1	51.6	52.3	52.3	53.2	53.2	54.0	55.3
≥ 8000	13.3	24.4	30.4	36.8	41.9	45.3	50.2	53.0	53.0	54.9	55.4	55.4	56.3	56.3	57.1	58.4
≥ 7000	13.9	25.4	31.6	37.9	43.1	46.6	51.9	54.9	54.9	56.8	57.3	57.3	58.2	58.2	59.0	60.3
≥ 6000	14.7	26.8	32.6	40.2	45.4	49.2	54.1	58.6	58.6	60.6	61.3	61.3	62.3	62.4	63.2	64.6
≥ 5000	15.4	28.1	35.0	42.3	47.7	51.7	57.9	61.6	61.6	63.6	64.4	64.4	65.4	65.6	66.4	67.8
≥ 4500	16.0	29.0	35.9	43.2	49.1	53.1	59.3	63.0	63.0	65.1	66.0	66.0	67.0	67.1	68.0	69.3
≥ 4000	16.2	29.3	36.4	44.9	50.3	55.0	61.4	65.1	65.1	67.3	68.2	68.2	69.2	69.3	70.2	71.6
≥ 3500	16.8	30.3	37.6	46.2	52.8	57.3	63.9	67.9	67.9	70.1	71.0	71.0	72.0	72.1	73.0	74.3
≥ 3000	16.8	31.0	38.2	47.0	53.7	58.4	65.1	69.2	69.2	71.9	73.0	73.0	74.0	74.2	75.1	76.4
≥ 2500	17.0	31.4	38.7	47.6	54.2	59.3	66.1	70.3	70.4	73.2	74.2	74.3	75.3	75.6	76.4	77.8
≥ 2000	17.4	32.2	39.7	48.7	55.3	60.6	67.3	71.6	71.7	74.6	75.9	75.9	76.9	77.1	78.0	79.3
≥ 1800	17.6	32.3	39.8	48.9	55.7	60.9	67.7	72.0	72.1	75.1	76.4	76.4	77.4	77.7	78.6	79.9
≥ 1500	18.0	33.8	41.3	50.4	57.2	62.9	69.8	74.1	74.2	77.2	78.6	78.6	79.6	79.8	80.7	82.0
≥ 1200	18.7	34.9	42.7	52.0	59.1	64.9	72.4	76.9	77.0	80.0	81.3	81.3	82.3	82.6	83.4	84.8
≥ 1000	18.9	35.7	43.1	52.9	60.3	66.1	74.2	78.7	78.8	81.9	83.2	83.2	84.2	84.4	85.3	86.7
≥ 900	19.0	35.4	43.3	53.3	60.9	66.9	75.1	79.6	79.7	82.8	84.1	84.1	85.1	85.3	86.2	87.6
≥ 800	19.0	35.6	43.4	53.6	61.2	67.6	75.1	80.7	80.8	83.9	85.2	85.2	86.2	86.4	87.3	88.7
≥ 700	19.1	35.9	43.9	54.4	62.4	69.1	77.7	82.2	82.3	85.4	86.8	86.8	87.8	88.0	88.9	90.2
≥ 600	19.1	36.7	44.0	54.7	62.9	70.0	78.6	83.4	83.6	86.7	88.0	88.0	89.0	89.2	90.1	91.4
≥ 500	19.1	36.1	44.1	54.8	63.2	70.6	79.7	84.7	84.9	88.1	89.4	89.4	90.4	90.7	91.6	92.9
≥ 400	19.1	36.1	44.1	54.9	63.4	70.8	80.8	86.2	86.4	90.2	91.6	91.6	92.7	92.9	93.8	95.1
≥ 300	19.1	36.1	44.1	54.9	63.4	70.9	81.0	86.4	86.7	90.7	92.0	92.0	93.1	93.3	94.2	95.7
≥ 200	19.1	36.1	44.1	54.9	63.6	71.1	81.3	86.8	87.0	91.3	92.9	92.9	94.1	94.4	95.4	97.0
≥ 100	19.1	36.1	44.1	54.9	63.6	71.1	81.3	86.9	87.1	91.7	93.3	93.3	94.7	95.0	96.6	98.7
≥ 0	19.1	36.1	44.1	54.9	63.6	71.1	81.3	86.9	87.1	91.7	93.3	93.3	94.7	95.0	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LAUNCH SERVICE/ AC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

0-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
YEARS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	20.9	35.2	33.7	36.7	39.7	41.4	42.2	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1
≥ 20000	21.9	32.6	36.2	39.4	42.4	44.6	45.3	45.1	46.1	44.2	46.2	46.2	46.3	46.3	46.3	46.3
IV 18000	22.1	32.9	36.7	39.9	42.9	45.0	45.8	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8
IV 16000	22.1	32.9	36.7	39.9	42.9	45.0	45.8	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8
IV 14000	22.6	33.6	37.3	40.7	43.7	45.3	46.7	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7
IV 12000	23.1	34.7	38.9	42.2	45.3	47.7	48.9	49.3	49.3	49.4	49.4	49.4	49.6	49.6	49.6	49.6
IV 10000	24.0	36.8	41.1	44.9	47.7	50.0	51.0	51.3	51.3	51.9	51.9	51.9	52.0	52.0	52.0	52.1
IV 9000	24.4	37.8	42.3	46.1	49.3	51.8	52.8	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.9
IV 8000	25.2	39.0	43.6	47.8	51.4	53.9	54.9	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.2
IV 7000	25.7	39.5	44.3	48.9	52.7	55.2	56.3	57.4	57.6	57.7	57.7	57.7	57.8	57.8	57.8	58.0
IV 6000	27.1	41.7	47.1	51.3	56.6	59.3	60.7	61.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.4
IV 5000	27.4	42.6	48.2	53.0	57.9	60.8	62.3	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.1
IV 4500	27.6	42.9	48.4	53.4	58.3	61.3	62.9	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.7
IV 4000	28.3	43.9	49.8	55.0	59.9	62.9	64.4	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.2
IV 3500	30.1	45.8	52.0	57.6	62.7	65.7	67.3	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.1
IV 3000	32.1	48.4	54.9	60.8	65.9	69.0	71.0	72.4	72.4	72.7	72.7	72.7	72.9	72.9	72.9	73.1
IV 2500	33.2	49.9	56.3	62.7	68.0	71.1	73.1	74.6	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.2
IV 2000	35.1	52.5	59.3	66.1	71.4	74.8	76.3	78.6	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.2
IV 1800	35.1	53.3	60.0	66.8	72.2	75.6	77.6	79.4	79.6	79.7	79.7	79.7	79.9	79.9	79.9	80.1
IV 1500	36.1	55.1	62.1	68.9	74.4	77.9	79.9	81.8	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.4
IV 1200	37.4	57.1	64.3	71.7	77.0	81.3	83.4	85.3	85.4	85.7	85.7	85.7	85.9	85.9	85.9	86.1
IV 1000	36.2	56.1	65.7	73.0	79.0	83.0	85.3	87.2	87.3	87.7	87.7	87.7	87.9	87.9	87.9	88.1
IV 900	38.3	58.2	65.9	73.6	79.7	83.8	85.2	88.2	88.3	88.8	88.8	88.8	89.0	89.0	89.0	89.2
IV 800	36.8	58.9	66.9	75.3	81.2	85.6	86.6	90.7	90.8	91.3	91.3	91.3	91.6	91.6	91.6	91.8
IV 700	36.9	59.7	67.6	75.9	82.3	86.8	87.3	92.6	92.7	93.3	93.3	93.3	93.6	93.6	93.6	93.8
IV 600	39.0	59.6	67.6	76.3	83.0	87.4	88.1	92.7	92.7	93.3	93.3	93.3	93.6	93.6	93.6	93.8
IV 500	39.0	59.8	68.0	76.7	83.4	88.1	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3
IV 400	39.0	59.8	68.0	76.8	83.7	88.3	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3
IV 300	39.0	59.8	68.0	76.8	83.7	88.4	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3
IV 200	39.0	59.8	68.0	76.8	83.7	88.4	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3
IV 100	39.0	59.8	68.0	76.8	83.7	88.4	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3
IV 0	39.0	59.8	68.0	76.8	83.7	88.4	88.4	93.8	93.8	94.1	94.1	94.1	94.9	94.9	94.9	95.3

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94323
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

19-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	25.3	31.5	33.7	34.3	34.3	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000	28.7	36.7	38.7	39.6	39.6	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 18000	29.3	37.2	39.0	40.4	40.4	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 16000	29.6	37.4	39.6	40.7	40.7	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 14000	30.1	38.0	40.3	41.6	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000	31.0	39.0	41.3	42.6	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 10000	32.7	41.5	43.0	45.2	45.2	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 9000	32.9	41.8	44.7	46.4	46.4	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 8000	34.6	44.1	47.1	48.9	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 7000	35.0	44.8	47.9	49.9	50.1	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 6000	38.1	49.1	52.4	54.6	55.1	55.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 5000	39.7	50.9	54.4	56.7	57.2	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 4500	41.2	52.9	56.3	59.1	59.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 4000	44.7	57.7	61.7	64.3	65.0	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 3500	49.0	63.7	67.2	70.3	71.3	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 3000	52.1	67.0	72.0	75.6	77.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 2500	54.4	71.2	76.4	80.1	81.3	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2000	56.6	74.7	80.4	84.6	86.3	88.6	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	57.0	75.3	81.1	85.4	87.2	89.4	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1500	57.9	76.8	82.9	87.4	89.0	91.9	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1200	58.0	77.2	83.6	88.7	91.3	93.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	58.1	77.4	83.8	89.7	91.4	94.0	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	58.3	77.8	84.2	89.9	92.1	94.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	58.3	78.1	84.8	90.3	93.0	95.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	58.6	78.4	85.1	90.7	93.4	96.1	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 600	58.6	78.6	85.2	90.8	93.6	96.2	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	58.6	78.6	85.2	90.9	94.1	96.9	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	58.6	78.6	85.2	90.9	94.3	97.1	98.6	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	58.6	78.6	85.2	90.9	94.3	97.1	98.6	99.1	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	58.6	78.6	85.2	90.9	94.3	97.1	98.6	99.1	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	58.6	78.6	85.2	90.9	94.3	97.1	98.6	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	58.6	78.6	85.2	90.9	94.3	97.1	98.6	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94825
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

0-7
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	30.7	35.7	40.0	41.3	41.0	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	35.3	44.7	46.0	46.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	35.3	45.0	47.2	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	35.7	45.2	47.4	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	37.2	46.9	49.2	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	39.3	49.2	51.7	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	41.0	51.4	54.0	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	42.3	53.4	56.0	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	43.7	55.7	58.2	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 7000	44.6	57.7	59.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	45.0	63.1	65.9	68.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	50.9	65.3	68.2	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	52.3	67.1	70.0	72.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	55.3	71.3	74.2	76.9	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	57.2	75.2	78.4	81.4	82.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	58.3	77.7	81.8	85.0	86.2	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	58.7	78.9	83.2	87.0	88.4	89.2	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	59.1	80.7	85.1	89.3	91.1	92.0	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	59.4	80.6	85.8	90.0	91.9	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	59.7	81.3	86.4	91.0	93.2	94.1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	59.9	81.9	87.4	92.3	94.4	95.3	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	60.1	82.6	88.3	93.3	95.8	96.7	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	60.2	82.7	88.4	93.4	95.9	96.8	97.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	60.2	82.8	88.5	93.7	96.1	97.2	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	60.2	82.9	88.8	93.9	96.3	97.7	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	60.2	83.0	88.9	94.1	96.6	98.0	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	60.2	83.1	89.0	94.2	96.8	98.2	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAF/PITTSBURGH PA
STATION NAME

0-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
SOLAR TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	36.4	45.1	47.7	49.9	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	40.4	50.8	54.4	57.4	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	40.4	50.8	54.4	57.4	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	40.4	50.8	54.4	57.4	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	41.0	51.4	55.2	58.3	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	42.4	53.7	57.4	60.5	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	44.7	56.8	60.3	63.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	45.6	57.1	62.0	65.6	66.6	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	47.1	60.7	64.7	68.3	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	48.2	62.2	66.4	70.3	71.7	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	52.0	67.1	71.6	75.9	77.2	77.2	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 5000	53.1	68.8	73.8	78.0	79.3	79.3	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	53.9	70.8	76.4	80.8	82.1	82.1	83.0	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	55.2	72.7	78.7	83.7	85.2	85.2	86.4	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	55.7	74.4	80.4	85.7	87.2	87.2	88.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	57.0	75.2	81.6	87.1	88.7	88.7	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	57.6	76.2	82.7	88.3	89.9	89.9	91.2	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	58.0	77.2	84.0	89.7	91.3	91.3	92.8	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	58.0	77.3	84.3	90.0	91.7	91.7	93.1	93.2	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	58.3	78.3	85.4	91.2	92.9	92.9	94.4	94.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	58.4	78.6	86.0	91.9	93.7	93.7	95.6	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	59.3	79.6	87.1	93.0	94.8	94.8	95.7	95.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	59.1	79.8	87.3	93.2	95.0	95.0	96.0	97.1	97.3	97.4	97.7	97.8	97.8	97.8	97.8	97.8
≥ 800	59.1	79.8	87.3	93.3	95.2	95.2	96.2	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 700	59.2	79.9	87.4	93.4	95.3	95.3	96.3	97.4	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2
≥ 600	59.2	79.9	87.6	93.6	95.6	95.6	96.7	97.8	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7
≥ 500	59.3	80.1	87.8	93.9	96.0	96.0	97.2	98.3	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 400	59.3	80.2	87.9	94.0	96.1	96.1	97.6	98.7	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	59.3	80.2	87.9	94.0	96.1	96.1	97.6	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	59.3	80.2	87.9	94.0	96.1	96.1	97.6	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	59.3	80.2	87.9	94.0	96.1	96.1	97.6	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	59.3	80.2	87.9	94.0	96.1	96.1	97.6	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94622
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

0-7
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	35.6	43.6	51.2	53.6	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 20000	38.0	51.9	54.6	57.9	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 18000	38.0	51.9	54.6	57.9	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 16000	38.0	51.9	54.6	57.9	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 14000	38.0	52.0	54.9	58.9	58.9	59.9	54.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 12000	39.8	54.4	57.3	60.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 10000	42.3	57.6	60.4	63.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 9000	43.4	59.6	62.4	66.0	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 8000	44.8	62.2	65.2	69.1	70.4	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 7000	46.0	64.1	67.6	71.4	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
≥ 6000	49.1	68.2	72.3	76.8	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 5000	49.8	69.1	73.4	78.1	79.7	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
≥ 4500	50.6	70.3	74.6	79.1	81.4	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 4000	52.0	72.7	77.5	82.6	84.2	84.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 3500	52.2	73.4	78.0	83.7	85.4	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥ 3000	53.7	75.2	81.6	86.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 2500	54.7	77.4	82.9	88.2	90.1	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3
≥ 2000	54.9	77.9	83.9	89.3	91.3	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.7
≥ 1800	54.9	77.9	83.9	89.3	91.3	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.8
≥ 1500	54.9	78.0	84.1	89.7	91.7	91.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.1
≥ 1200	54.9	78.2	84.6	90.3	92.3	92.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9
≥ 1000	54.9	78.4	85.3	90.9	92.9	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
≥ 900	54.9	78.7	85.3	91.2	93.2	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.8
≥ 800	55.1	79.2	86.1	92.0	94.0	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5
≥ 700	55.2	79.3	86.2	92.3	94.2	94.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.8
≥ 600	55.4	79.7	87.0	92.8	95.0	95.0	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
≥ 500	55.6	79.8	87.1	93.1	95.2	95.2	96.9	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 400	55.6	79.9	87.4	93.7	95.6	95.6	97.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 300	55.6	80.0	87.6	93.8	96.0	96.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 200	55.6	80.0	87.6	93.8	96.0	96.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 100	55.6	80.0	87.6	93.8	96.0	96.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
≥ 0	55.6	80.0	87.6	93.8	96.0	96.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATE BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 0-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

STATION

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	25.7	35.9	38.8	41.4	43.1	44.0	44.8	45.2	45.2	45.5	45.2	45.4	45.5	45.8	45.9	46.1
≥ 20000	27.2	38.3	42.7	45.4	47.7	48.7	49.7	50.2	50.2	50.5	50.8	50.9	51.0	51.0	51.2	51.2
≥ 18000	25.0	34.5	42.9	46.1	47.9	48.9	50.0	50.5	50.5	50.8	50.8	50.9	51.0	51.0	51.2	51.4
≥ 16000	28.1	39.7	43.1	46.3	48.1	49.1	50.0	50.6	50.6	50.9	51.1	51.2	51.2	51.2	51.3	51.6
≥ 14000	28.8	40.2	43.7	46.9	48.8	49.8	50.9	51.4	51.4	51.7	51.8	51.8	51.9	51.9	52.1	52.3
≥ 12000	29.6	41.0	45.3	48.7	50.7	51.3	51.9	53.4	53.4	53.7	53.8	53.9	53.9	53.9	54.1	54.3
≥ 10000	31.4	44.2	48.0	51.8	53.8	55.0	55.1	56.6	56.6	57.0	57.0	57.0	57.2	57.2	57.3	57.6
≥ 9000	32.3	45.3	49.8	53.7	55.3	57.1	57.2	58.7	58.7	59.0	59.1	59.1	59.2	59.2	59.3	59.7
≥ 8000	33.4	47.3	51.6	55.9	58.2	59.4	60.7	61.2	61.2	61.6	61.7	61.7	61.8	61.8	62.0	62.3
≥ 7000	34.1	48.3	53.2	57.4	59.8	61.1	62.5	63.1	63.1	63.5	63.6	63.6	63.6	63.8	63.9	64.2
≥ 6000	36.3	52.5	57.4	61.9	64.6	65.9	67.5	68.2	68.2	68.7	68.8	68.9	69.0	69.0	69.1	69.4
≥ 5000	37.9	54.0	59.0	63.7	66.3	67.6	69.0	70.3	70.3	70.8	70.9	70.9	71.1	71.1	71.3	71.5
≥ 4500	38.8	55.2	60.4	65.2	68.1	69.6	71.3	72.0	72.0	72.5	72.6	72.6	72.8	72.8	73.0	73.2
≥ 4000	40.1	57.3	62.6	67.4	70.4	72.3	74.2	75.0	75.0	75.5	75.6	75.6	75.8	75.8	76.0	76.2
≥ 3500	41.4	59.3	65.0	70.4	73.6	75.3	77.1	77.9	77.9	78.4	78.5	78.5	78.7	78.7	78.9	79.2
≥ 3000	42.5	61.2	67.2	72.9	76.1	78.0	79.8	80.7	80.7	81.3	81.3	81.3	81.7	81.7	81.9	82.1
≥ 2500	43.3	62.6	68.7	74.6	78.0	79.9	81.8	82.7	82.7	83.4	83.4	83.5	83.8	83.8	84.0	84.3
≥ 2000	44.1	64.0	70.5	76.7	80.3	82.2	84.2	85.2	85.2	85.9	85.9	86.1	86.3	86.3	86.5	86.8
≥ 1800	44.3	64.4	70.9	77.1	80.7	82.8	84.8	85.8	85.8	86.5	86.5	86.7	86.9	86.9	87.1	87.4
≥ 1500	44.8	65.3	72.0	78.4	82.0	84.2	86.2	87.3	87.3	88.0	88.0	88.2	88.4	88.4	88.6	88.9
≥ 1200	45.2	65.8	73.1	79.7	83.3	85.6	87.6	89.2	89.2	89.9	89.9	90.1	90.1	90.3	90.5	90.8
≥ 1000	45.3	66.1	73.9	80.8	84.8	87.1	89.6	90.7	90.7	91.4	91.4	91.6	91.8	91.9	92.0	92.3
≥ 900	45.6	67.0	74.2	81.2	85.2	87.7	90.2	91.3	91.3	92.1	92.1	92.3	92.3	92.5	92.7	93.0
≥ 800	45.8	67.3	74.6	81.8	85.4	88.5	91.1	92.3	92.3	93.1	93.1	93.3	93.3	93.5	93.6	94.0
≥ 700	45.8	67.6	75.0	82.3	86.6	89.3	92.0	93.2	93.3	94.1	94.1	94.3	94.3	94.5	94.5	95.0
≥ 600	45.9	67.8	75.3	82.5	87.2	89.9	92.9	94.2	94.3	95.1	95.1	95.3	95.3	95.5	95.5	96.0
≥ 500	45.9	67.9	75.3	83.0	87.7	90.3	93.7	95.1	95.2	96.0	96.0	96.2	96.2	96.4	96.6	96.9
≥ 400	45.9	68.0	75.6	83.3	88.0	90.9	94.4	95.9	96.0	96.9	96.9	97.3	97.3	97.5	97.7	97.9
≥ 300	45.9	68.0	75.6	83.3	88.0	91.0	94.6	96.2	96.3	97.4	97.4	97.7	97.7	97.9	98.0	98.5
≥ 200	45.9	68.0	75.6	83.3	88.1	91.1	94.8	96.4	96.3	97.7	97.7	98.2	98.2	98.4	98.5	98.7
≥ 100	45.9	68.0	75.6	83.3	88.1	91.1	94.8	96.5	96.6	97.8	97.8	98.3	98.3	98.7	98.8	99.5
≥ 0	45.9	68.0	75.6	83.3	88.1	91.1	94.8	96.5	96.6	97.8	97.8	98.3	98.3	98.7	98.8	99.5

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL UTILITY BRANCH
USAF ETAC
AIR CATER SERVICE/AC

CEILING VERSUS VISIBILITY

94823 GRS PITTSBURGH IAP/PITTSBURGH PA 2-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	34.3	47.6	50.2	51.3	52.2	52.7	52.8	52.8	53.1	53.3	53.3	53.7	53.7	53.7	53.7	53.7
≥7000	37.0	50.1	52.6	54.4	55.2	55.2	55.3	55.3	55.6	55.6	55.6	56.1	56.1	56.1	56.1	56.1
≥18000	37.0	50.1	52.6	54.4	55.2	55.2	55.3	55.3	55.6	55.6	55.6	56.1	56.1	56.1	56.1	56.1
≥16000	37.0	50.1	52.6	54.4	55.2	55.2	55.3	55.3	55.6	55.6	55.6	56.1	56.1	56.1	56.1	56.1
≥14000	38.1	51.2	53.7	55.5	56.2	56.2	56.3	56.3	56.7	56.7	56.7	57.2	57.2	57.2	57.2	57.2
≥12000	39.5	53.7	56.2	58.1	58.8	58.8	58.9	58.9	59.2	59.2	59.2	59.7	59.7	59.7	59.7	59.7
≥10000	41.2	55.6	58.4	60.3	61.1	61.1	61.2	61.2	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7
≥8000	42.2	57.0	59.6	61.6	62.4	62.4	62.5	62.5	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1
≥7000	44.4	59.7	62.0	64.6	65.4	65.4	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3
≥6000	45.4	60.9	63.9	66.1	66.9	66.9	67.0	67.0	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5
≥5000	48.7	65.2	68.3	70.4	71.6	71.6	71.7	71.7	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3
≥4500	50.3	67.5	70.6	73.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6
≥4000	51.3	68.7	71.3	74.3	75.2	75.2	75.3	75.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8
≥3500	53.7	71.7	74.9	77.5	78.4	78.4	78.5	78.5	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1
≥3000	54.3	72.5	75.9	78.5	79.4	79.4	79.5	79.5	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1
≥2500	56.2	75.5	79.2	82.2	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7
≥2000	57.0	76.8	80.8	83.7	84.7	84.7	84.8	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4
≥1800	57.7	78.2	82.4	85.3	86.7	86.7	86.7	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3
≥1500	58.0	79.5	83.8	87.3	88.2	88.2	88.2	88.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9
≥1200	58.3	79.6	83.8	87.3	88.2	88.2	88.2	88.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9
≥1000	59.2	80.4	84.7	88.5	89.4	89.4	89.5	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0
≥900	59.6	81.4	85.8	89.9	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5
≥800	60.1	81.7	86.2	90.2	91.3	91.3	91.4	91.6	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2
≥700	60.2	82.3	86.3	90.3	91.3	91.3	91.9	92.2	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7
≥600	60.3	82.7	87.5	91.5	92.0	92.0	92.9	93.1	93.1	93.1	93.4	93.7	93.7	93.7	93.7	93.7
≥500	60.3	82.9	87.7	91.9	93.0	93.0	93.8	94.0	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5
≥400	60.3	83.0	87.8	92.2	93.2	93.2	94.3	94.6	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3
≥300	60.3	83.0	87.8	92.2	93.2	93.2	94.3	94.6	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3
≥200	60.3	83.0	87.8	92.2	93.2	93.2	94.3	94.6	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3
≥100	60.3	83.0	87.8	92.2	93.2	93.2	94.3	94.6	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3
≥0	60.3	83.0	87.8	92.2	93.2	93.2	94.3	94.6	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94623

GTR PITTSBURGH IAP/PITTSBU-1 PA

3-1

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2500-2500

CEILING FEET	VISIBILITY STATUTE MILES																
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
NO CEILING	29.5	47.9	43.5	47.2	40.4	42.9	5.5	40.9	50.9	51.9	50.9	51.9	51.9	51.2	51.3	51.3	51.7
≥ 20000	31.5	47.3	46.2	49.9	51.3	51.7	5.5	53.9	53.9	51.9	53.9	52.9	54.2	54.2	54.3	54.3	54.7
≥ 18000	31.5	47.3	46.2	49.9	51.3	51.7	5.5	53.9	53.9	51.9	53.9	52.9	54.2	54.2	54.3	54.3	54.7
≥ 16000	31.5	47.3	46.2	49.9	51.3	51.7	5.5	53.9	53.9	51.9	53.9	52.9	54.2	54.2	54.3	54.3	54.7
≥ 14000	31.9	47.3	46.7	50.1	51.7	52.4	5.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.7	54.7	55.2
≥ 12000	32.7	45.4	48.3	51.9	53.3	54.0	5.0	55.3	55.9	55.9	55.9	55.9	55.9	56.2	56.3	56.3	56.8
≥ 10000	33.9	47.3	50.2	54.1	55.3	56.3	5.1	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.8	58.8	59.2
≥ 8000	34.6	47.3	51.3	54.3	56.3	57.4	5.1	59.5	59.5	59.5	59.5	59.5	59.5	59.9	59.9	59.9	60.3
≥ 7000	35.2	47.3	51.9	56.2	57.7	58.7	5.4	60.8	60.8	60.8	60.8	60.8	60.8	61.1	61.2	61.2	61.6
≥ 6000	35.8	47.3	52.9	57.2	58.7	59.7	5.4	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.2	62.2	62.6
≥ 5000	40.0	55.1	56.7	63.0	64.5	65.5	6.3	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.1	68.1	68.5
≥ 4500	41.6	57.7	59.8	65.3	66.3	67.7	6.9	69.9	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.8
≥ 4000	41.9	57.6	61.4	65.3	67.3	68.3	7.3	70.6	70.6	70.6	70.6	70.6	70.6	71.0	71.1	71.1	71.5
≥ 3500	44.2	60.1	64.1	68.6	70.4	71.4	7.2	73.5	73.5	73.5	73.5	73.5	73.5	73.9	74.0	74.0	74.4
≥ 3000	45.7	62.3	66.7	71.3	73.1	74.3	7.0	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.8	76.8	77.2
≥ 2500	46.8	64.3	68.5	73.3	75.3	76.2	7.3	78.6	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0	79.5
≥ 2000	47.6	65.3	69.5	74.4	76.3	77.3	7.4	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.1	80.1	80.5
≥ 1800	48.3	67.3	72.5	77.4	79.4	80.3	8.4	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.1	83.1	83.5
≥ 1500	49.2	69.3	73.2	78.3	80.3	81.3	8.3	83.7	83.7	83.7	83.7	83.7	83.7	84.0	84.1	84.1	84.5
≥ 1200	49.9	69.2	74.3	79.4	81.3	82.3	8.6	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.4	85.4	85.8
≥ 1000	50.3	69.9	75.3	80.4	82.3	83.4	8.6	85.9	85.9	85.9	85.9	85.9	85.9	86.3	86.5	86.5	86.9
≥ 900	50.9	70.6	76.2	81.3	84.3	84.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.8	88.0	88.0	88.4
≥ 800	50.9	71.2	76.8	82.2	84.8	85.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.7	88.9	88.9	89.3
≥ 700	51.1	71.9	77.5	83.1	85.7	86.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.9	89.9	90.3
≥ 600	51.1	72.2	78.0	84.1	86.7	87.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.5	90.9	90.9	91.3
≥ 500	51.5	72.8	79.0	85.1	87.7	88.6	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.9	92.3	92.3	92.7
≥ 400	51.5	73.1	79.6	86.0	88.7	89.9	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.5	93.9	93.9	94.3
≥ 300	51.6	73.9	80.4	87.0	90.1	91.3	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.5	95.9	95.9	96.3
≥ 200	51.6	73.9	80.5	87.3	90.0	91.8	95.2	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.6	96.6	97.0
≥ 100	51.6	73.5	80.5	87.3	90.1	91.9	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.6	97.0	97.0	97.4
≥ 0	51.6	73.5	80.5	87.3	90.1	91.9	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.7	97.1	97.1	97.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94H22
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

2-7
YEARS

UUT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2300
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	10.1	29.5	32.8	37.1	38.5	47.1	4.7	42.7	42.8	43.8	44.2	44.2	44.7	44.7	45.3	45.9
≥ 20000	19.7	33.0	36.0	40.8	42.3	44.1	4.1	47.1	47.2	48.3	48.7	48.7	49.2	49.2	49.6	50.4
IV 18000	19.7	33.0	36.0	40.8	42.3	44.1	4.1	47.1	47.2	48.3	48.7	48.7	49.2	49.2	49.6	50.4
IV 16000	19.7	33.0	36.0	40.8	42.3	44.1	4.1	47.1	47.2	48.3	48.7	48.7	49.2	49.2	49.6	50.4
IV 14000	19.9	33.3	36.3	41.0	42.0	44.4	4.5	47.4	47.5	48.6	49.0	49.0	49.6	49.6	50.1	50.6
IV 12000	20.8	35.2	38.3	43.3	44.9	46.9	4.9	49.8	49.9	51.0	51.4	51.4	51.9	51.9	52.5	53.1
IV 10000	21.8	37.0	40.5	45.5	47.3	49.1	5.2	52.3	52.4	53.4	53.9	53.9	54.4	54.4	54.9	55.6
IV 9000	22.4	38.4	41.0	46.6	48.4	50.3	5.6	53.7	53.8	54.7	55.3	55.3	55.8	55.8	56.3	57.0
IV 8000	23.1	39.7	43.1	48.4	50.3	52.7	5.4	55.9	55.9	56.7	57.1	57.1	57.6	57.6	58.2	58.8
IV 7000	24.2	41.3	45.1	50.3	52.3	54.1	5.3	57.4	57.5	58.6	59.0	59.0	59.6	59.6	60.1	60.8
IV 6000	26.5	44.5	48.7	54.2	56.1	58.2	6.5	61.6	61.7	62.8	63.3	63.3	63.9	63.9	64.4	65.1
IV 5000	28.8	47.5	51.8	57.3	59.2	61.4	6.8	64.8	64.9	66.0	66.6	66.6	67.1	67.1	67.6	68.3
IV 4500	29.7	48.9	53.2	58.7	60.6	62.9	6.3	66.2	66.3	67.4	68.0	68.0	68.5	68.5	69.0	69.7
IV 4000	31.2	51.7	56.1	61.9	64.0	66.1	6.5	69.7	69.8	70.9	71.4	71.4	71.9	71.9	72.5	73.1
IV 3500	31.9	52.9	57.3	63.4	65.6	67.8	7.2	71.5	71.6	72.7	73.2	73.2	73.8	73.8	74.3	74.9
IV 3000	33.4	55.4	59.8	65.9	68.1	70.6	7.1	74.5	74.6	75.7	76.2	76.2	76.8	76.8	77.3	78.0
IV 2500	34.8	56.9	61.3	67.3	70.0	72.4	7.4	76.5	76.6	77.8	78.4	78.4	78.9	78.9	79.5	80.1
IV 2000	36.0	58.5	62.9	69.4	72.3	74.4	7.7	78.7	78.8	80.2	80.8	80.8	81.3	81.3	81.8	82.5
IV 1800	36.1	58.6	63.0	69.7	72.4	74.7	7.7	79.0	79.1	80.5	81.1	81.1	81.6	81.6	82.2	82.8
IV 1500	36.5	59.1	63.7	70.6	73.3	75.7	7.8	80.0	80.1	81.5	82.0	82.0	82.6	82.6	83.1	83.9
IV 1200	37.1	60.2	64.9	72.0	74.7	77.1	7.9	81.4	81.5	82.9	83.4	83.4	84.0	84.0	84.5	85.2
IV 1000	37.6	61.1	66.0	73.5	76.2	78.6	8.1	83.3	83.4	84.8	85.4	85.4	85.9	85.9	86.5	87.1
IV 900	37.7	61.4	66.3	73.9	76.7	79.0	8.2	83.8	83.9	85.3	85.8	85.8	86.3	86.3	86.9	87.5
IV 800	37.8	61.7	66.9	74.5	77.3	79.7	8.2	84.5	84.6	86.0	86.6	86.6	87.1	87.1	87.6	88.3
IV 700	38.0	61.9	67.3	75.1	77.8	80.2	8.2	85.4	85.5	86.9	87.4	87.4	88.0	88.0	88.5	89.1
IV 600	38.1	62.3	68.0	75.9	78.9	81.4	8.5	86.9	87.0	88.4	88.9	88.9	89.5	89.5	90.0	90.6
IV 500	38.2	62.8	68.3	76.8	79.8	82.8	8.6	88.3	88.4	89.8	90.3	90.3	90.9	90.9	91.4	92.0
IV 400	38.2	62.9	68.7	77.0	80.3	83.4	8.7	89.9	90.0	91.5	92.2	92.2	92.7	92.7	93.3	94.0
IV 300	38.2	62.9	68.8	77.3	81.1	84.3	8.8	91.4	91.5	93.1	93.8	93.8	94.3	94.3	94.9	95.6
IV 200	38.2	62.9	68.9	77.5	81.3	84.6	8.9	91.9	92.0	94.0	94.7	94.7	95.6	95.6	96.3	97.0
IV 100	38.2	62.9	68.9	77.6	81.4	84.7	8.9	92.0	92.2	94.3	95.1	95.1	96.1	96.1	97.1	98.5
IV 0	38.2	62.9	68.9	77.6	81.4	84.7	8.9	92.0	92.2	94.3	95.1	95.1	96.1	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY DATA
JSAFETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA

1973

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
MONTH

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	25.5	35.5	37.0	39.0	41.2	41.6	41.9	43.4	43.4	43.9	44.1	44.1	44.1	44.1	44.3	44.4
≥20000	27.6	39.0	41.5	43.8	45.0	46.1	46.0	48.2	48.2	48.6	48.8	48.8	48.8	48.8	49.0	49.1
≥18000	27.6	39.0	41.7	44.2	46.0	46.4	46.1	48.6	48.6	49.0	49.2	49.2	49.2	49.2	49.3	49.6
≥16000	27.6	39.0	41.7	44.2	46.0	46.4	46.1	48.6	48.6	49.0	49.2	49.2	49.2	49.2	49.3	49.6
≥14000	26.2	39.0	42.8	45.1	47.0	47.5	47.1	49.7	49.7	50.1	50.3	50.3	50.3	50.3	50.5	50.6
≥12000	29.2	41.4	44.4	47.0	48.9	47.5	51.1	51.6	51.6	52.2	52.4	52.4	52.4	52.4	52.6	52.7
≥10000	30.0	42.9	45.9	48.5	50.4	51.3	51.9	53.4	53.4	54.0	54.2	54.2	54.2	54.2	54.4	54.5
≥9000	30.4	43.7	46.8	49.4	51.3	52.2	51.8	54.3	54.3	54.8	55.1	55.1	55.1	55.1	55.3	55.4
≥8000	30.6	44.7	48.0	50.9	52.6	53.7	53.3	55.8	55.8	56.3	56.6	56.6	56.6	56.6	56.8	56.9
≥7000	32.0	46.1	49.3	52.4	54.3	55.2	54.8	57.3	57.3	57.8	58.1	58.1	58.1	58.1	58.3	58.4
≥6000	34.2	48.7	52.3	55.5	57.5	58.4	58.1	60.6	60.6	61.2	61.4	61.4	61.4	61.4	61.6	61.7
≥5000	34.7	49.7	53.4	56.7	58.7	59.6	59.4	61.9	61.9	62.5	62.7	62.7	62.7	62.7	62.9	63.0
≥4500	35.4	50.6	54.4	57.8	60.0	60.9	60.6	63.3	63.3	63.9	64.1	64.1	64.1	64.1	64.3	64.4
≥4000	36.3	52.3	56.3	60.1	62.4	63.2	63.2	65.7	65.7	66.2	66.5	66.5	66.5	66.5	66.7	66.9
≥3500	38.5	54.6	58.9	62.8	64.9	65.7	65.6	68.2	68.2	68.8	69.0	69.0	69.0	69.0	69.2	69.5
≥3000	41.7	58.4	62.7	66.7	68.9	69.9	71.9	72.5	72.5	73.1	73.4	73.4	73.4	73.4	73.7	73.9
≥2500	43.7	60.6	65.1	69.0	71.3	72.4	74.4	75.1	75.1	75.7	76.0	76.0	76.0	76.0	76.2	76.5
≥2000	46.7	64.6	69.0	73.2	75.7	76.9	79.1	79.9	79.9	80.5	80.9	80.9	80.9	80.9	81.1	81.3
≥1800	47.3	64.9	69.3	73.7	76.1	77.3	79.6	80.4	80.4	81.1	81.4	81.4	81.4	81.4	81.6	81.8
≥1500	47.7	66.0	70.8	75.3	77.7	78.9	81.2	82.0	82.0	82.8	83.1	83.1	83.1	83.1	83.3	83.5
≥1200	48.7	67.3	72.0	77.0	79.0	80.8	84.0	83.9	83.9	84.7	85.1	85.1	85.1	85.1	85.3	85.5
≥1000	49.4	68.5	73.3	78.8	81.4	82.7	86.0	86.0	86.0	86.9	87.2	87.2	87.2	87.2	87.4	87.6
≥900	49.8	69.2	74.4	80.1	82.7	84.7	86.6	87.5	87.5	88.4	88.7	88.7	88.7	88.7	88.9	89.1
≥800	50.1	69.6	74.9	81.3	83.7	85.1	87.7	88.9	88.9	89.8	90.1	90.1	90.1	90.1	90.3	90.5
≥700	50.1	69.9	75.4	81.9	84.3	85.7	88.5	89.7	89.7	90.6	91.0	91.0	91.0	91.0	91.2	91.4
≥600	50.3	70.5	76.0	82.5	85.6	87.0	90.3	91.5	91.5	92.5	92.8	92.8	92.8	92.8	93.0	93.2
≥500	50.4	70.9	76.3	83.2	86.5	88.1	91.9	93.2	93.2	94.3	94.6	94.6	94.6	94.6	94.9	95.3
≥400	50.4	70.9	76.3	83.4	87.0	89.1	93.3	95.1	95.1	96.2	96.6	96.6	96.6	96.6	96.9	97.1
≥300	50.4	70.9	76.6	84.0	87.5	89.8	94.1	96.0	96.0	97.3	97.7	97.8	97.8	97.8	98.0	98.4
≥200	50.4	70.9	76.6	84.0	87.5	89.9	94.3	96.2	96.2	97.6	98.2	98.3	98.3	98.3	98.7	99.4
≥100	50.4	70.9	76.6	84.0	87.5	89.9	94.3	96.2	96.2	97.6	98.2	98.3	98.3	98.3	98.8	99.8
≥0	50.4	70.9	76.6	84.0	87.5	89.9	94.3	96.2	96.2	97.6	98.2	98.3	98.3	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

030

GLOBAL CLIMATOLOGY BRANCH
USAF ETAL
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-75
YEAR

061
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	32.8	33.0	32.8	40.4	40.0	40.9	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	30.1	42.7	43.2	44.2	44.5	44.7	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	36.6	43.1	44.0	44.7	44.8	45.2	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	36.7	43.2	44.1	44.9	45.1	45.3	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	37.5	44.2	45.1	45.8	46.0	46.2	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	38.5	45.6	46.5	47.2	47.4	47.6	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	39.8	47.2	48.3	49.2	49.5	49.7	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	40.1	47.7	48.7	49.7	49.9	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	41.2	48.4	50.4	51.5	51.8	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	41.6	50.1	51.2	52.4	52.7	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	44.2	53.3	54.4	55.7	56.0	56.2	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 5000	45.5	54.9	56.0	57.3	57.6	57.8	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	47.8	57.6	58.7	60.0	60.3	60.5	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	53.5	63.5	64.7	66.1	66.5	66.7	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	58.4	69.1	70.5	72.0	72.3	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	62.0	73.7	75.1	76.6	77.1	77.3	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	64.3	76.2	78.3	79.9	80.3	80.8	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	66.7	80.2	81.9	83.7	84.4	84.6	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	67.1	80.6	82.4	84.1	84.9	85.1	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	68.1	81.7	83.6	85.7	86.6	86.9	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	69.0	83.7	85.9	88.2	89.1	89.6	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	69.4	84.9	87.5	90.1	91.1	91.7	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	69.6	85.3	88.0	90.5	91.5	92.2	93.2	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	69.8	85.8	88.5	91.1	92.0	92.6	93.6	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	69.8	86.0	89.0	92.0	93.2	94.0	95.4	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	69.8	86.2	89.2	92.4	93.8	94.7	96.3	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	69.9	86.5	89.6	92.9	94.2	95.4	97.0	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	69.9	86.6	89.8	93.1	94.5	96.5	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	69.9	86.7	89.9	93.2	94.6	96.6	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	69.9	86.7	89.9	93.2	94.6	96.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.9	86.7	89.9	93.2	94.6	96.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.9	86.7	89.9	93.2	94.6	96.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

0-70
YEARS

JCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	35.6	30.9	40.0	41.3	41.3	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	40.4	44.7	45.6	46.3	46.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	40.6	44.9	45.8	46.5	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	41.1	45.4	46.2	47.0	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000	42.2	45.5	47.3	48.1	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	44.0	48.8	49.7	50.5	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	45.6	51.0	51.9	53.0	53.2	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	46.7	52.0	53.0	54.1	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	48.0	53.5	54.7	55.8	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	49.0	55.1	56.0	57.1	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 6000	53.4	60.1	61.1	62.2	62.4	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	58.0	64.7	65.8	66.9	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	61.3	68.3	69.6	70.8	71.1	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	65.9	73.3	74.6	75.7	76.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	68.2	75.7	77.2	78.5	78.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	71.0	79.4	81.0	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	71.2	80.3	81.9	83.3	83.7	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	73.3	83.3	84.9	86.3	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	73.9	83.8	85.5	87.0	87.3	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	74.9	84.0	88.0	89.6	90.1	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	75.6	87.7	89.8	91.5	92.0	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	75.7	88.3	90.4	92.3	92.9	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	75.8	88.4	90.6	92.5	93.2	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	75.8	88.8	91.2	93.0	93.9	94.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	75.9	88.9	91.3	93.3	94.3	94.9	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	75.9	89.0	91.3	93.4	94.4	95.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	76.0	89.1	91.7	94.1	95.2	96.0	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	76.0	89.4	91.9	94.4	95.3	96.5	98.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	76.0	89.4	91.9	94.4	95.5	96.5	98.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	76.0	89.4	91.9	94.4	95.5	96.5	98.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.0	89.4	91.9	94.4	95.5	96.5	98.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.0	89.4	91.9	94.4	95.5	96.5	98.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATE BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

948.3
STATION

GTP PITTSBURGH IAP/PITTSBURGH, PA

1974

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2200
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	40.0	44.8	47.2	47.8	47.8	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	49.2
≥ 20000	44.8	51.3	52.0	52.0	52.0	52.0	52.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 18000	45.1	51.5	52.3	52.7	53.0	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 16000	45.4	51.8	52.6	53.1	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 14000	46.0	53.0	53.8	54.3	54.5	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 12000	46.2	54.9	55.9	56.6	56.8	56.9	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 10000	49.2	56.1	57.2	58.0	58.2	58.4	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 9000	50.9	57.7	58.8	59.4	59.8	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 8000	52.9	60.8	61.7	62.6	62.8	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 7000	55.1	63.1	64.3	65.2	65.4	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 6000	59.5	65.2	69.4	70.3	70.9	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 5000	62.0	71.6	73.3	74.2	74.6	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 4500	64.0	73.8	75.2	76.3	76.4	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4000	65.9	76.2	77.6	78.9	79.4	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3500	67.5	79.4	79.9	81.1	81.0	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	68.9	80.2	81.8	83.2	83.0	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	71.0	82.7	84.3	85.9	86.3	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2000	72.3	84.6	86.5	88.3	88.8	89.2	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800	72.3	84.7	86.7	88.3	89.0	89.5	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	73.2	85.9	88.3	90.2	90.9	91.3	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	73.5	85.6	88.9	91.2	91.8	92.3	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1000	74.0	87.2	89.7	91.9	92.7	93.1	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 900	74.2	87.4	89.9	92.2	93.0	93.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 800	74.3	88.1	90.5	92.9	93.9	94.3	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 700	74.4	88.2	90.8	93.1	94.1	94.6	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 600	74.5	88.5	91.4	94.1	95.2	95.7	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 500	74.6	88.7	91.6	94.7	95.3	96.8	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	74.6	88.7	91.6	94.8	96.1	97.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	74.6	88.7	91.6	94.9	96.3	97.3	97.2	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	74.6	88.8	91.7	95.2	96.6	97.6	97.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	74.6	88.8	91.7	95.2	95.6	97.7	97.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	74.6	88.8	91.7	95.2	96.6	97.7	97.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

1978
YEAR

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	41.3	50.5	51.6	52.4	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 20000	44.0	54.7	54.8	55.6	55.7	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 18000	44.1	54.1	54.9	55.7	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 16000	44.1	54.1	54.9	55.7	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 14000	45.3	55.7	56.1	56.9	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 12000	46.8	57.3	58.3	59.1	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 10000	48.4	59.7	60.3	61.2	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 9000	49.5	60.5	61.0	62.1	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 8000	52.3	63.9	65.1	66.0	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 7000	53.3	65.4	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 6000	57.3	70.9	72.0	73.0	73.3	73.3	73.3	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 5000	58.3	72.7	73.9	74.8	75.3	75.3	75.3	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	76.0
≥ 4500	60.0	74.0	75.2	76.1	76.8	76.8	76.8	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 4000	62.3	75.6	77.8	78.9	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 3500	63.8	78.9	80.4	81.3	81.9	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 3000	65.9	82.7	83.3	84.6	85.3	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 2500	66.3	83.7	85.1	86.2	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 2000	67.3	85.1	86.7	88.0	88.0	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1800	67.3	85.3	86.9	88.2	88.8	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1500	67.8	85.9	87.0	89.1	89.8	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 1200	69.1	87.8	89.6	91.2	91.8	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1000	69.4	88.4	90.3	92.2	92.8	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 900	69.3	88.7	90.9	92.7	93.3	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 800	69.7	89.0	91.3	93.1	93.8	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 700	69.7	89.5	91.8	93.7	94.4	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 600	69.7	89.7	91.9	94.2	95.2	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 500	69.7	89.8	92.3	94.7	96.0	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	69.7	89.8	92.6	95.3	96.8	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 300	69.7	89.8	92.6	95.5	97.1	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 200	69.7	89.8	92.6	95.6	97.3	97.8	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 100	69.7	89.8	92.6	95.6	97.3	97.8	98.6	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	69.7	89.8	92.6	95.6	97.3	97.8	98.6	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA CENTER
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

948.3
STATION

GIR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-7
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

AL
COUNT

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	32.3	41.2	42.9	44.7	45.6	45.8	4.4	45.7	46.7	46.9	47.0	47.0	47.2	47.2	47.3	47.5
≥ 20000	35.1	44.7	46.3	48.4	49.7	49.7	5.4	50.7	50.7	50.9	51.0	51.0	51.2	51.2	51.2	51.2
IV 18000	35.3	44.7	46.7	48.6	49.7	49.9	5.0	50.3	50.9	51.1	51.2	51.2	51.4	51.4	51.5	51.5
IV 16000	35.4	45.0	46.8	48.7	49.8	50.0	5.7	51.0	51.0	51.2	51.3	51.3	51.5	51.5	51.6	51.7
IV 14000	36.2	45.9	47.7	49.6	50.4	50.9	51.6	51.9	51.9	52.1	52.2	52.2	52.4	52.4	52.5	52.7
IV 12000	37.4	47.8	49.7	51.7	52.8	53.0	5.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 10000	38.7	48.0	51.0	53.7	54.0	55.1	5.8	56.1	56.1	56.4	56.5	56.5	56.7	56.7	56.8	56.9
IV 9000	39.6	50.7	52.6	54.8	55.7	56.2	5.0	57.3	57.3	57.6	57.7	57.7	57.9	57.9	57.9	58.1
IV 8000	41.0	52.6	54.7	57.0	57.7	58.4	5.2	59.5	59.5	59.8	59.9	59.9	60.1	60.1	60.2	60.3
IV 7000	42.0	54.7	56.2	58.5	59.3	60.0	5.8	61.0	61.0	61.3	61.4	61.4	61.6	61.6	61.7	61.8
IV 6000	45.5	57.2	60.0	63.1	64.1	64.6	5.5	65.8	65.8	66.1	66.2	66.2	66.3	66.3	66.4	66.6
IV 5000	47.5	61.7	63.2	65.7	66.7	67.3	6.2	68.5	68.5	68.8	68.9	68.9	69.0	69.0	69.1	69.3
IV 4500	49.0	67.4	65.0	67.5	68.5	69.1	7.0	70.3	70.3	70.6	70.7	70.7	70.9	70.9	71.0	71.1
IV 4000	51.6	68.7	68.3	71.0	72.1	72.7	7.3	73.9	73.9	74.2	74.3	74.3	74.4	74.4	74.5	74.7
IV 3500	53.5	68.1	70.8	73.5	74.7	75.3	7.3	76.6	76.6	76.9	77.0	77.0	77.1	77.2	77.2	77.4
IV 3000	55.8	71.1	74.0	76.5	76.0	73.7	7.7	80.0	80.1	80.3	80.3	80.5	80.6	80.6	80.7	80.9
IV 2500	57.0	72.9	75.8	78.8	80.0	80.7	81.7	82.1	82.1	82.4	82.6	82.6	82.7	82.7	82.8	83.0
IV 2000	58.6	75.3	78.3	81.5	82.8	83.5	8.0	85.0	85.1	85.4	85.5	85.5	85.7	85.7	85.8	86.0
IV 1800	58.8	75.6	78.7	81.9	83.3	84.0	8.1	85.5	85.5	85.9	86.0	86.0	86.2	86.2	86.3	86.4
IV 1500	59.6	76.7	80.0	83.4	84.8	85.5	8.6	87.1	87.1	87.5	87.6	87.6	87.8	87.8	87.9	88.0
IV 1200	60.3	78.0	81.4	85.0	86.4	87.2	8.6	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.6	89.8
IV 1000	60.8	78.5	82.4	86.3	87.7	88.6	8.9	90.3	90.3	90.7	90.8	90.8	91.0	91.0	91.1	91.3
IV 900	60.9	79.2	82.9	86.8	88.3	89.2	9.1	91.0	91.0	91.4	91.5	91.5	91.7	91.7	91.8	92.0
IV 800	61.1	79.6	83.5	87.5	89.1	89.9	9.1	91.9	91.9	92.3	92.4	92.4	92.6	92.6	92.7	92.9
IV 700	61.1	79.9	83.9	88.0	89.7	90.6	9.2	92.7	92.7	93.1	93.2	93.2	93.4	93.4	93.5	93.7
IV 600	61.3	80.2	84.4	88.7	90.3	91.4	9.3	93.8	93.8	94.3	94.4	94.4	94.6	94.6	94.7	94.9
IV 500	61.3	80.5	84.7	89.3	91.2	92.3	9.4	95.0	95.0	95.5	95.6	95.6	95.8	95.8	95.9	96.1
IV 400	61.3	80.6	84.9	89.7	91.8	93.2	9.5	96.3	96.3	96.8	97.0	97.0	97.2	97.2	97.3	97.5
IV 300	61.3	80.6	85.0	89.9	92.2	93.5	9.5	97.0	97.0	97.6	97.8	97.8	98.0	98.0	98.1	98.3
IV 200	61.3	80.6	85.0	90.0	92.3	93.8	9.6	97.4	97.4	98.2	98.5	98.5	98.8	98.8	99.0	99.1
IV 100	61.3	80.6	85.0	90.1	92.3	93.8	9.6	97.4	97.4	98.4	98.7	98.8	99.1	99.1	99.3	99.7
IV 0	61.3	80.6	85.0	90.1	92.3	93.8	9.6	97.4	97.4	98.4	98.7	98.8	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823 GIP PITTSBURGH IAP/PITTSBURGH PA

2-74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
MONTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	24.7	32.9	33.2	33.7	33.8	33.8	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.2	34.4
≥ 20000	25.8	35.1	36.0	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.6	36.6	36.6	36.6	36.7	36.9
IV 18000	25.6	35.1	36.0	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.6	36.6	36.6	36.6	36.7	36.9
IV 16000	26.1	35.4	36.3	36.4	36.5	36.6	36.7	36.7	36.7	36.8	36.9	36.9	36.9	36.9	37.0	37.2
IV 14000	26.3	35.7	36.6	36.7	36.8	36.8	36.9	36.9	36.9	37.0	37.1	37.1	37.1	37.1	37.2	37.4
IV 12000	26.0	35.2	36.1	36.2	36.3	36.3	36.4	36.4	36.4	36.5	36.7	36.7	36.7	36.7	36.8	37.0
IV 10000	29.9	40.4	41.3	41.4	41.5	41.6	41.7	41.7	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.2
IV 9000	31.4	42.4	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.4	44.6
IV 8000	32.8	44.4	45.7	45.8	45.9	46.0	46.1	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.4	46.7
IV 7000	34.2	46.8	48.3	48.4	48.5	48.6	48.7	48.7	48.7	48.8	48.9	48.9	48.9	48.9	49.0	49.1
IV 6000	38.0	51.9	53.2	53.4	53.7	53.7	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.3
IV 5000	40.3	54.7	56.1	56.3	56.7	56.7	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.3
IV 4500	40.9	55.7	57.1	57.3	57.7	57.7	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.3
IV 4000	44.7	59.4	62.2	62.4	62.8	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.4
IV 3500	47.4	63.8	65.0	65.8	66.1	66.1	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.8
IV 3000	49.8	67.1	69.3	69.3	69.8	69.8	69.9	69.9	70.0	70.1	70.2	70.3	70.3	70.3	70.4	70.7
IV 2500	51.8	69.7	71.9	72.1	72.6	72.6	72.7	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.4
IV 2000	55.7	75.7	78.1	78.4	78.9	78.9	79.0	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.5	79.8
IV 1800	55.9	76.1	78.6	78.9	79.3	79.3	79.4	79.6	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.2
IV 1500	58.3	79.4	81.9	82.8	83.3	83.3	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.1	84.3
IV 1200	60.7	83.2	85.3	86.8	87.8	87.8	87.9	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.3	88.6
IV 1000	61.4	84.5	87.4	88.4	89.4	89.4	89.7	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.4
IV 900	61.9	85.3	88.0	89.1	90.0	90.0	90.2	90.3	90.3	90.6	90.7	90.7	90.7	90.7	90.8	91.0
IV 800	62.3	85.9	88.8	89.9	90.8	90.8	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.6	91.8
IV 700	62.6	86.4	89.4	90.4	91.4	91.4	91.7	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.4
IV 600	62.6	87.3	90.4	91.6	92.6	92.6	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.6	93.8
IV 500	62.6	87.7	90.9	92.1	93.1	93.2	93.6	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.4
IV 400	62.6	88.0	91.3	92.9	94.0	94.3	95.1	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.8	96.0
IV 300	62.6	88.1	91.6	93.2	94.3	94.8	96.1	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.9	97.1
IV 200	62.6	88.1	91.7	93.8	94.8	95.2	96.6	96.9	96.9	97.7	97.8	97.8	97.8	97.8	98.0	98.2
IV 100	62.6	88.1	91.7	93.8	94.9	95.3	96.7	97.0	97.0	98.0	98.3	98.3	98.3	98.3	98.7	99.0
IV 0	62.6	88.1	91.7	93.6	94.9	95.3	96.7	97.0	97.0	98.0	98.3	98.3	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TTC

CEILING VERSUS VISIBILITY

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH, PA

9-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
MONT 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	20.4	26.8	28.7	30.4	30.7	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000	21.7	29.0	31.2	33.7	34.1	34.1	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 18000	21.9	29.2	31.4	33.9	34.2	34.3	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1
≥ 16000	22.1	29.4	31.6	34.1	34.4	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3
≥ 14000	22.2	29.4	31.7	34.1	34.4	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3
≥ 12000	23.8	31.7	33.9	36.3	36.7	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6
≥ 10000	25.7	33.9	35.3	38.8	39.1	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
≥ 9000	26.0	35.1	37.8	40.2	40.3	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4
≥ 8000	27.9	37.6	40.2	42.7	43.0	43.1	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9
≥ 7000	29.3	39.4	42.1	44.6	44.9	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 6000	32.7	44.4	47.3	49.9	50.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1
≥ 5000	34.7	46.3	49.4	51.9	52.2	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 4500	35.2	47.7	50.8	53.4	53.8	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 4000	39.6	52.6	55.7	58.5	58.9	59.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 3500	42.8	54.8	60.0	62.9	63.2	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3
≥ 3000	45.4	60.2	63.4	66.6	66.9	67.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.1
≥ 2500	47.1	62.9	66.0	69.3	69.7	70.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 2000	51.1	68.2	71.8	75.3	75.7	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2
≥ 1800	51.9	69.8	73.4	77.0	77.3	77.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 1500	53.6	72.2	76.2	79.7	80.1	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 1200	55.3	75.5	79.9	83.8	84.3	84.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 1000	57.3	77.6	82.3	86.2	86.9	87.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 900	57.7	78.0	82.9	86.9	87.8	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6
≥ 800	57.9	78.5	83.6	87.8	88.4	89.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6
≥ 700	57.9	78.9	84.1	88.8	89.2	89.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 600	57.9	79.7	85.0	89.6	90.2	90.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 500	57.9	79.8	85.3	90.0	90.7	91.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.3
≥ 400	57.9	79.8	85.6	90.3	91.0	91.6	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	94.1
≥ 300	57.9	79.8	85.7	90.6	91.2	91.8	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	95.0
≥ 200	57.9	79.8	85.7	90.6	91.4	92.0	94.3	95.7	95.7	96.0	96.0	96.0	96.0	96.2	96.2	96.4
≥ 100	57.9	79.8	85.7	90.8	91.9	92.4	94.8	96.2	96.2	96.9	97.0	97.0	97.0	97.4	97.4	97.7
≥ 0	57.9	79.8	85.7	90.8	91.9	92.4	94.8	96.2	96.2	96.9	97.0	97.0	97.0	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY SEARCH
USAF ETAL
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-78
YEAR

1014
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-2400
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	12.0	12.0	20.4	22.2	23.2	23.9	24.2	24.8	24.8	25.1	25.7	25.7	25.7	25.7	25.9	26.1
≥ 20000	14.1	22.1	23.7	25.8	26.3	27.3	27.8	28.3	28.3	28.7	29.2	29.2	29.2	29.2	29.4	29.7
≥ 18000	14.1	22.1	23.7	25.8	26.3	27.3	27.8	28.3	28.3	28.7	29.2	29.2	29.2	29.2	29.4	29.7
≥ 16000	14.1	22.2	23.8	25.9	26.4	27.4	27.9	28.4	28.4	28.8	29.3	29.3	29.3	29.3	29.5	29.8
≥ 14000	14.6	22.7	24.4	27.0	28.0	28.7	29.2	29.8	29.8	30.1	30.7	30.7	30.7	30.7	30.9	31.1
≥ 12000	15.7	24.7	25.8	26.7	29.7	30.3	30.9	31.5	31.6	31.9	32.4	32.4	32.4	32.4	32.7	32.9
≥ 10000	17.7	26.7	28.1	31.1	32.1	32.3	33.3	34.0	34.0	34.3	34.9	34.9	34.9	34.9	35.1	35.3
≥ 9000	19.1	27.8	30.0	33.2	34.2	34.9	35.4	36.1	36.1	36.4	37.0	37.0	37.0	37.0	37.2	37.4
≥ 8000	19.6	28.9	31.4	34.8	35.3	36.6	37.1	37.8	37.8	38.1	38.7	38.7	38.7	38.7	38.9	39.1
≥ 7000	20.2	30.7	32.7	36.0	37.2	38.1	38.7	39.3	39.3	39.7	40.2	40.2	40.2	40.2	40.4	40.7
≥ 6000	23.2	34.6	37.9	41.3	42.7	43.6	44.1	44.8	44.8	45.1	45.7	45.7	45.7	45.7	45.9	46.2
≥ 5000	24.1	36.3	39.9	43.4	44.8	45.3	45.4	47.1	47.1	47.4	48.0	48.0	48.0	48.0	48.3	48.7
≥ 4500	25.3	38.2	41.8	45.3	46.7	47.7	48.3	49.0	49.0	49.4	50.0	50.0	50.0	50.0	50.3	50.7
≥ 4000	27.1	41.2	45.0	49.0	50.1	51.3	52.2	52.9	52.9	53.3	53.9	53.9	53.9	53.9	54.2	54.6
≥ 3500	29.6	45.3	49.2	53.0	54.9	56.0	56.9	57.6	57.6	58.1	58.7	58.7	58.7	58.7	59.1	59.4
≥ 3000	31.3	48.1	52.3	57.2	58.6	59.9	60.6	61.4	61.4	62.0	62.7	62.7	62.7	62.7	63.1	63.4
≥ 2500	32.9	50.9	55.4	60.3	61.9	63.2	64.2	65.0	65.0	65.7	66.3	66.3	66.3	66.3	66.8	67.2
≥ 2000	36.6	56.7	61.9	67.3	68.8	70.2	71.7	72.6	72.6	73.2	73.9	73.9	73.9	74.1	74.4	74.9
≥ 1800	37.6	58.0	63.4	68.9	70.3	71.8	73.3	74.2	74.2	74.9	75.6	75.6	75.6	75.8	76.1	76.6
≥ 1500	39.6	61.3	67.2	72.4	74.3	75.0	77.6	78.0	78.6	79.3	80.0	80.0	80.0	80.2	80.6	81.0
≥ 1200	40.3	63.3	69.4	75.1	76.7	78.4	80.4	81.4	81.4	82.2	82.9	82.9	82.9	83.1	83.4	83.9
≥ 1000	41.1	64.8	71.1	76.9	78.4	80.3	82.4	83.4	83.4	84.3	85.0	85.0	85.0	85.2	85.6	86.0
≥ 900	41.6	65.6	72.0	78.0	79.7	81.6	83.7	84.7	84.7	85.6	86.2	86.2	86.2	86.4	86.8	87.2
≥ 800	41.7	66.2	72.8	78.9	80.4	82.3	84.4	85.4	85.4	86.3	87.0	87.0	87.0	87.2	87.6	88.0
≥ 700	41.8	67.0	73.6	80.0	81.7	83.6	85.8	86.8	86.8	87.7	88.3	88.3	88.3	88.6	88.9	89.3
≥ 600	42.0	67.7	74.8	81.4	83.1	85.0	87.4	88.8	88.8	89.8	90.6	90.6	90.6	90.8	91.1	91.6
≥ 500	42.0	67.7	74.8	81.9	83.7	85.7	88.4	89.8	89.8	90.8	91.6	91.6	91.6	91.8	92.1	92.6
≥ 400	42.0	67.8	75.1	82.2	84.0	86.0	89.0	90.3	90.3	91.6	92.3	92.3	92.3	92.6	92.9	93.4
≥ 300	42.0	67.8	75.1	82.2	84.1	86.3	89.9	91.6	91.6	92.7	93.7	93.7	93.7	93.9	94.2	94.8
≥ 200	42.0	67.8	75.1	82.3	84.3	86.6	90.6	92.3	92.3	94.1	94.9	94.9	94.9	95.2	95.9	96.4
≥ 100	42.0	67.8	75.1	82.3	84.4	86.7	90.8	92.7	92.8	95.0	95.9	95.9	95.9	96.2	97.0	97.7
≥ 0	42.0	67.8	75.1	82.3	84.4	86.7	90.8	92.7	92.8	95.1	96.0	96.0	96.0	96.3	97.6	98.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94822
STATION

GIP PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-7
YEARS

11
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	13.2	20.4	21.3	23.4	24.3	25.4	26.1	26.8	26.7	27.1	27.2	27.2	27.2	27.2	27.3	27.3
≥ 20000	15.4	24.8	26.2	28.0	29.1	30.3	31.1	31.6	31.7	32.2	32.3	32.3	32.3	32.3	32.4	32.4
≥ 18000	10.2	25.1	26.5	28.3	29.2	30.7	31.4	31.9	32.0	32.6	32.7	32.7	32.7	32.7	32.8	32.8
≥ 16000	16.2	25.1	26.6	28.3	29.2	30.7	31.4	31.9	32.0	32.6	32.7	32.7	32.7	32.7	32.8	32.8
≥ 14000	10.4	25.3	26.8	28.4	30.1	31.1	31.9	32.3	32.4	33.0	33.1	33.1	33.1	33.1	33.2	33.2
≥ 12000	17.7	25.9	28.0	30.3	32.1	33.2	34.1	34.9	34.7	35.3	35.4	35.4	35.4	35.4	35.6	35.6
≥ 10000	19.4	29.0	31.0	33.3	34.1	35.3	36.7	37.1	37.2	37.9	38.0	38.0	38.0	38.1	38.2	38.2
≥ 9000	19.7	29.4	31.4	33.8	35.1	36.2	37.1	37.9	37.7	38.3	38.4	38.4	38.4	38.5	38.7	38.7
≥ 8000	21.1	31.4	33.7	36.0	37.3	38.4	39.4	39.9	40.0	40.7	40.8	40.8	40.8	40.9	41.0	41.0
≥ 7000	22.3	33.3	35.7	38.1	39.4	40.6	41.6	42.0	42.1	42.8	42.9	42.9	42.9	43.0	43.1	43.1
≥ 6000	23.1	36.9	39.2	41.7	43.3	44.4	45.6	45.0	46.1	46.8	46.9	46.9	46.9	47.0	47.1	47.1
≥ 5000	25.8	37.9	40.2	42.7	44.3	45.4	46.7	47.1	47.2	47.9	48.0	48.0	48.0	48.2	48.3	48.3
≥ 4500	26.7	39.2	41.6	44.1	45.7	46.8	48.1	48.6	48.7	49.3	49.4	49.4	49.4	49.7	49.8	49.8
≥ 4000	29.1	42.8	45.1	48.1	49.8	50.9	52.6	53.0	53.1	53.8	53.9	53.9	53.9	54.1	54.2	54.2
≥ 3500	30.6	44.6	47.0	50.3	52.2	53.3	55.2	55.7	55.8	56.4	56.6	56.6	56.6	56.8	56.9	56.9
≥ 3000	33.4	48.1	51.2	54.2	56.6	58.0	60.3	60.9	61.0	61.8	61.9	61.9	61.9	62.1	62.2	62.2
≥ 2500	35.7	51.6	55.2	58.4	60.8	62.3	64.8	65.4	65.8	66.4	66.6	66.6	66.6	66.8	66.9	66.9
≥ 2000	39.9	57.1	60.9	64.9	67.3	69.7	72.3	72.8	73.2	73.8	73.9	73.9	73.9	74.1	74.2	74.2
≥ 1800	40.3	58.1	61.9	65.7	68.1	69.8	72.6	73.4	73.6	74.7	74.8	74.8	74.8	75.0	75.1	75.1
≥ 1500	42.3	61.4	65.7	69.7	72.1	73.9	77.1	78.1	78.2	79.4	79.4	79.4	79.4	79.7	79.8	79.8
≥ 1200	42.9	63.6	68.1	72.4	75.1	75.9	80.1	81.1	81.2	82.4	82.6	82.6	82.6	82.9	82.9	82.9
≥ 1000	43.8	65.4	70.2	74.4	77.4	79.4	83.0	84.0	84.1	85.3	85.4	85.4	85.4	85.7	85.8	85.8
≥ 900	44.0	66.0	71.1	75.3	78.1	81.0	84.8	85.7	85.8	87.0	87.1	87.1	87.1	87.3	87.4	87.4
≥ 800	44.3	66.4	71.6	76.4	79.6	82.2	86.0	87.1	87.2	88.4	88.5	88.5	88.5	88.9	89.0	89.0
≥ 700	44.3	66.8	72.1	77.0	80.6	83.2	87.0	88.2	88.3	89.6	89.7	89.7	89.7	90.2	90.3	90.3
≥ 600	44.3	66.8	72.1	77.6	81.3	84.2	88.1	89.4	89.6	90.8	90.9	90.9	90.9	91.4	91.6	91.6
≥ 500	44.3	66.8	72.4	78.0	81.9	84.8	88.9	90.6	90.7	92.0	92.1	92.1	92.1	92.7	92.8	92.8
≥ 400	44.3	66.8	72.4	78.0	81.9	84.9	89.6	91.3	91.4	93.0	93.1	93.1	93.1	93.7	93.8	93.8
≥ 300	44.3	66.8	72.4	78.2	82.2	85.2	90.1	92.4	92.6	94.3	94.4	94.4	94.4	95.1	95.2	95.2
≥ 200	44.3	66.8	72.4	78.2	82.2	85.2	90.4	93.0	93.3	95.4	95.7	95.7	95.7	96.9	97.1	97.1
≥ 100	44.3	66.8	72.4	78.2	82.2	85.2	90.4	93.1	93.6	95.7	95.9	95.9	95.9	97.3	97.7	97.7
≥ 0	44.3	66.8	72.4	78.2	82.2	85.2	90.4	93.1	93.6	95.7	95.9	95.9	95.9	97.3	97.7	98.2

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1926

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94822

GTR PITTSBURGH IAF/PITTSBURGH, PA

6-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥5	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥0.025	≥0.01
NO CEILING	19.2	22.6	23.0	23.4	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 20000	23.4	27.1	28.3	28.7	29.1	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 18000	23.4	27.1	28.7	29.1	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 16000	23.4	27.1	28.7	29.1	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 14000	23.4	27.1	29.1	29.4	29.0	29.3	29.3	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 12000	24.7	29.9	30.2	30.4	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 10000	26.6	31.2	32.7	33.4	33.8	33.9	33.9	34.0	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.2
≥ 9000	27.6	32.3	33.8	34.6	34.9	35.0	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.3
≥ 8000	29.2	34.1	35.7	36.7	37.2	37.2	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.7	37.7	37.7
≥ 7000	29.9	35.3	36.7	37.3	36.4	37.3	37.3	38.4	38.4	38.6	38.7	38.7	38.7	38.8	38.8	38.8
≥ 6000	32.7	38.4	40.0	41.2	41.7	41.8	41.8	41.9	41.9	42.0	42.1	42.1	42.1	42.2	42.2	42.2
≥ 5000	34.1	40.2	41.8	43.7	43.4	43.4	43.4	43.7	43.7	43.8	43.9	43.9	43.9	44.0	44.0	44.0
≥ 4500	36.0	42.3	44.0	45.2	45.7	45.9	45.9	45.9	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2
≥ 4000	39.7	46.9	48.7	50.0	50.0	50.7	50.7	50.8	50.8	50.9	51.0	51.0	51.1	51.1	51.1	51.1
≥ 3500	44.8	52.0	54.6	56.2	56.9	57.0	57.2	57.3	57.3	57.4	57.6	57.6	57.6	57.7	57.7	57.7
≥ 3000	50.2	59.7	61.7	63.4	64.4	64.7	65.2	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8
≥ 2500	54.4	64.7	66.8	68.8	69.3	70.0	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.6
≥ 2000	59.0	69.8	72.1	74.6	75.6	76.1	77.4	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.1
≥ 1800	59.8	71.3	73.7	76.3	77.3	77.9	79.2	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.1
≥ 1500	60.8	73.2	76.0	79.0	80.0	80.8	82.4	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4
≥ 1200	61.3	75.2	78.3	81.3	82.3	83.2	85.2	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4
≥ 1000	62.1	76.6	80.1	83.4	84.6	85.6	88.1	89.0	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.7
≥ 900	62.2	76.8	80.2	84.2	85.3	86.6	89.1	90.0	90.0	90.2	90.4	90.4	90.6	90.6	90.6	90.7
≥ 800	62.6	77.6	81.7	85.2	86.3	87.8	90.7	91.6	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.4
≥ 700	62.6	77.8	82.0	85.7	86.9	88.3	91.3	92.2	92.2	92.8	93.1	93.1	93.2	93.2	93.2	93.3
≥ 600	62.7	78.3	82.6	86.6	87.8	89.6	92.3	93.8	93.8	94.4	94.9	94.9	95.0	95.0	95.0	95.1
≥ 500	62.7	78.4	83.0	86.9	88.2	90.1	93.3	94.4	94.4	95.3	95.9	95.9	96.1	96.1	96.1	96.2
≥ 400	62.8	78.7	83.2	87.6	89.0	91.1	94.7	95.9	95.9	96.9	97.4	97.4	97.6	97.6	97.6	97.9
≥ 300	62.8	78.7	83.2	87.7	89.1	91.3	95.1	96.3	96.3	97.6	98.1	98.1	98.6	98.6	98.6	98.7
≥ 200	62.8	78.7	83.2	87.7	89.1	91.4	95.3	96.6	96.6	98.0	98.6	98.6	98.8	98.8	98.8	98.7
≥ 100	62.8	78.7	83.2	87.7	89.1	91.4	95.3	96.6	96.6	98.0	98.6	98.6	98.8	98.8	98.8	98.9
≥ 0	62.8	78.7	83.2	87.7	89.1	91.4	95.3	96.6	96.6	98.0	98.6	98.6	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

9482: GIE PITTSBURGH IAP/PITTSBURGH PA 9-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	22.0	24.7	25.2	25.4	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 7000	27.1	30.7	31.3	31.4	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000	27.1	30.7	31.3	31.4	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 16000	27.2	31.0	31.7	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 14000	28.0	31.9	32.3	32.3	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 12000	29.3	33.2	33.9	34.1	34.1	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 10000	30.9	35.4	36.3	36.5	36.6	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 9000	31.7	36.3	37.2	37.4	37.4	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 8000	33.8	38.9	39.6	40.0	40.0	40.2	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	34.7	39.9	40.6	41.0	41.1	41.3	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 6000	35.1	44.0	45.3	46.1	46.2	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 5000	42.2	49.7	49.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	43.3	50.4	51.4	51.9	52.3	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4000	47.4	55.3	56.5	57.2	57.7	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3500	50.8	60.0	61.6	62.6	62.8	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3000	54.7	65.3	67.6	68.3	68.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	58.2	70.3	72.6	74.0	74.4	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	61.0	74.9	77.3	78.9	79.4	80.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	61.4	75.7	78.1	79.7	80.3	81.6	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	62.2	77.2	80.0	81.7	82.7	84.2	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	63.2	78.7	81.7	83.1	84.3	85.4	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	63.4	79.4	82.7	84.3	86.0	87.8	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	63.4	79.5	82.9	85.1	86.4	88.2	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	63.4	80.2	83.6	85.9	87.2	89.1	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	63.4	80.8	84.6	87.3	88.7	90.6	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	63.6	81.7	84.8	87.8	89.2	91.4	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	63.6	81.1	85.1	88.4	90.0	92.1	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	63.6	81.1	85.1	88.6	90.3	92.7	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	63.6	81.1	85.1	88.6	90.4	92.8	95.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	63.6	81.1	85.1	88.6	90.4	92.8	95.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100	63.6	81.1	85.1	88.6	90.4	92.8	95.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	63.6	81.1	85.1	88.6	90.4	92.8	95.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 4-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823 CTD PITTSBURGH IAP/PITTSBURGH PA 0-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	24.7	25.7	28.4	28.4	28.4	27.7	27.3	27.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	23.8	23.1	33.3	33.3	33.3	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
IV 18000	26.3	27.2	33.4	33.4	33.4	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 16000	29.2	23.7	33.4	33.4	34.3	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 14000	29.8	34.2	34.4	34.4	34.4	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 12000	31.7	34.7	37.0	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 10000	33.3	37.7	39.0	39.1	39.2	39.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 9000	35.1	41.6	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 8000	39.3	45.0	45.3	45.4	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 7000	40.6	47.1	47.4	47.4	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 6000	45.3	52.9	53.0	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 5000	47.9	55.4	56.2	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 4500	49.9	57.9	58.4	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 4000	53.1	62.6	62.9	63.7	63.8	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 3500	55.6	65.7	66.9	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 3000	59.6	70.3	71.5	72.2	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 2500	62.3	74.9	76.3	76.8	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2000	65.6	79.8	81.4	81.9	82.1	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1800	65.1	80.4	82.1	82.4	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1500	67.7	82.2	83.9	84.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	68.8	84.3	86.1	87.0	87.4	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1000	69.7	85.7	87.9	89.1	90.1	90.2	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 900	69.6	84.3	88.9	90.1	91.2	91.3	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 800	70.1	85.9	89.0	90.8	92.2	92.3	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	70.3	87.6	90.3	91.8	93.0	93.1	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	70.3	87.8	90.6	91.9	93.3	93.6	94.2	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 500	70.3	88.0	90.9	92.3	93.9	94.1	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 400	70.3	88.0	91.0	92.9	94.0	95.0	95.9	96.4	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	70.3	88.0	91.0	93.0	95.4	95.8	96.0	97.3	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	70.3	88.0	91.0	93.0	95.4	95.8	96.0	97.4	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	70.3	88.0	91.0	93.0	95.4	95.8	97.0	97.8	97.8	98.7	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	70.3	88.0	91.0	93.0	95.4	95.8	97.0	97.8	97.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATION: 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LATER SERVICE/NAF

CEILING VERSUS VISIBILITY

94223
STATION

GIR PITTSBURGH IAP/PITTSBURGH, PA
STATION NAME

9-75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING	20.1	32.7	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	28.6	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 18000	28.6	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
IV 16000	29.2	36.4	36.4	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 14000	29.2	36.4	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 12000	29.2	36.4	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 10000	33.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 9200	35.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 8000	37.0	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 7000	39.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 6000	42.4	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 5000	46.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 4500	47.2	58.9	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 4000	51.0	63.1	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 3500	53.3	65.8	66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 3000	57.6	70.7	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 2500	59.6	73.3	74.2	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	62.9	78.0	79.0	79.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	63.4	78.8	79.8	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 1500	64.8	80.7	81.7	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 1200	66.3	83.3	84.4	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 1000	67.3	85.3	86.6	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 900	67.7	86.7	87.2	88.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 800	68.0	86.8	88.2	89.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 700	68.1	87.6	89.2	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 600	68.1	88.0	89.8	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500	68.1	88.2	90.1	91.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 400	68.1	88.4	90.4	92.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 300	68.1	88.4	90.6	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 200	68.1	88.4	90.6	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 100	68.1	88.4	90.6	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 0	68.1	88.4	90.6	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94824
STATION

GTR PITTSBURGH IAP/PITTSBURGH A
STATION NAME

9-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	20.3	25.9	26.8	27.5	27.9	28.2	28.4	28.6	28.6	28.8	28.9	28.9	28.9	28.9	28.9	29.0
≥ 20000	23.1	29.7	30.0	31.5	32.1	32.3	32.6	32.7	32.7	32.9	33.0	33.0	33.0	33.0	33.0	33.1
≥ 18000	23.3	29.8	30.9	31.8	32.2	32.5	32.7	32.9	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.3
≥ 16000	23.5	30.1	31.2	32.1	32.5	32.8	33.0	33.2	33.2	33.3	33.4	33.4	33.4	33.5	33.5	33.6
≥ 14000	23.8	30.5	31.6	32.5	32.9	33.2	33.5	33.6	33.7	33.8	33.9	33.9	33.9	33.9	34.0	34.1
≥ 12000	25.2	32.3	33.4	34.5	34.9	35.2	35.5	35.7	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.2
≥ 10000	27.0	34.6	35.9	37.1	37.5	37.8	38.1	38.3	38.3	38.5	38.6	38.6	38.6	38.6	38.7	38.8
≥ 9000	28.3	36.2	37.6	38.7	39.1	39.4	39.8	39.9	39.9	40.1	40.2	40.2	40.3	40.3	40.3	40.4
≥ 8000	30.0	38.4	39.9	41.1	41.5	41.8	42.2	42.3	42.4	42.6	42.7	42.7	42.7	42.7	42.8	42.9
≥ 7000	31.3	40.1	41.6	42.8	43.4	43.7	44.0	44.2	44.2	44.4	44.5	44.5	44.6	44.6	44.6	44.7
≥ 6000	35.0	44.8	46.5	47.8	48.4	48.7	49.1	49.3	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.9
≥ 5000	36.8	47.1	48.8	50.2	50.8	51.1	51.5	51.7	51.7	51.9	52.0	52.0	52.1	52.1	52.2	52.3
≥ 4500	33.2	48.8	50.0	51.9	52.5	52.9	53.3	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.1
≥ 4000	41.5	53.7	55.1	56.5	57.2	57.5	57.9	58.2	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.8
≥ 3500	44.3	56.8	59.1	60.7	61.3	61.8	62.3	62.5	62.5	62.8	62.9	62.9	63.0	63.0	63.1	63.2
≥ 3000	47.7	61.3	63.6	65.4	66.2	66.9	67.4	67.7	67.7	68.0	68.1	68.1	68.2	68.2	68.3	68.4
≥ 2500	50.3	64.8	67.3	69.3	70.2	70.8	71.6	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.4	72.6
≥ 2000	54.0	70.0	72.4	75.0	76.0	76.7	77.7	78.0	78.0	78.3	78.4	78.4	78.6	78.6	78.6	78.8
≥ 1800	54.6	71.0	73.8	76.2	77.1	77.8	78.8	79.2	79.2	79.5	79.7	79.7	79.8	79.8	79.9	80.0
≥ 1500	56.2	73.4	76.0	79.0	80.1	80.9	82.1	82.5	82.5	82.8	83.0	83.0	83.1	83.1	83.2	83.3
≥ 1200	57.5	75.9	79.2	81.9	83.1	84.0	85.3	85.8	85.8	86.2	86.3	86.3	86.4	86.4	86.5	86.7
≥ 1000	58.3	77.4	81.0	83.9	85.3	86.2	87.8	88.3	88.3	88.8	88.9	88.9	89.0	89.0	89.1	89.3
≥ 900	58.3	77.9	81.7	84.7	86.1	87.1	88.7	89.2	89.3	89.7	89.9	89.9	90.0	90.0	90.1	90.3
≥ 800	58.8	78.6	82.5	85.6	87.1	88.1	89.8	90.4	90.4	90.9	91.0	91.0	91.2	91.2	91.3	91.4
≥ 700	58.9	79.1	83.2	86.4	88.0	89.0	90.8	91.4	91.4	91.9	92.1	92.1	92.3	92.3	92.3	92.5
≥ 600	58.9	79.6	83.8	87.2	88.6	90.0	91.9	92.7	92.7	93.3	93.5	93.5	93.7	93.7	93.8	93.9
≥ 500	58.9	79.7	84.1	87.7	89.4	90.6	92.6	93.4	93.5	94.1	94.4	94.4	94.6	94.6	94.8	94.8
≥ 400	58.9	79.8	84.3	88.1	89.9	91.3	93.6	94.5	94.5	95.3	95.5	95.5	95.8	95.8	95.8	96.0
≥ 300	58.9	79.8	84.3	88.3	90.2	91.7	94.2	95.3	95.3	96.2	96.6	96.6	96.8	96.8	96.9	97.1
≥ 200	58.9	79.8	84.3	88.4	90.3	91.8	94.5	95.8	95.9	97.0	97.3	97.5	97.9	97.9	98.1	98.3
≥ 100	58.9	79.8	84.3	88.4	90.4	91.9	94.7	96.0	96.1	97.4	97.9	97.9	98.4	98.5	98.7	99.0
≥ 0	58.9	79.8	84.3	88.4	90.4	91.9	94.7	96.0	96.1	97.4	97.9	97.9	98.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

948.2
STATION

GTR PITTSBURGH IAP/PITTSBURGH - PA

1970

YEARS

CC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	19.4	23.3	25.9	24.1	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 20000	21.5	25.7	26.2	26.5	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 18000	21.5	25.8	26.3	26.6	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 16000	21.5	26.2	26.6	27.0	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 14000	22.7	27.2	27.7	28.1	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 12000	25.2	30.0	30.6	31.3	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 10000	26.3	31.7	32.5	33.1	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 9000	27.6	33.2	34.0	34.4	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 8000	28.4	35.1	35.8	36.5	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 7000	29.7	36.0	36.8	37.4	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 6000	32.0	38.7	39.6	40.2	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 5000	33.2	40.3	41.3	41.9	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 4500	33.8	41.1	42.2	42.8	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 4000	36.1	44.2	45.4	46.1	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 3500	38.6	48.0	49.2	50.0	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 3000	43.3	53.4	55.3	56.2	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 2500	47.2	58.8	60.8	61.7	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 2000	51.3	64.9	67.3	68.4	69.4	69.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800	52.9	66.5	68.9	70.4	71.0	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1500	56.3	71.3	73.9	75.9	76.7	76.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200	57.3	73.9	77.0	79.2	80.1	80.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1000	57.8	74.8	78.6	80.9	81.7	81.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 900	58.0	75.4	79.3	81.8	82.8	82.9	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 800	58.2	76.0	80.3	82.7	83.8	83.9	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 700	58.2	76.7	81.4	83.9	85.1	85.2	86.9	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 600	58.3	76.8	81.5	84.3	85.6	85.7	87.6	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	58.3	76.8	81.7	85.3	87.2	87.3	89.7	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 400	58.3	77.4	82.7	87.0	89.4	89.4	92.0	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 300	58.3	77.4	82.8	87.9	90.1	90.3	93.1	94.2	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 200	58.4	77.5	82.9	88.1	90.1	91.2	94.7	96.1	96.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	58.4	77.5	82.9	88.1	90.1	91.2	94.7	96.1	96.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	58.4	77.5	82.9	88.1	90.1	91.2	94.7	96.1	96.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1929

GLOBAL CLIMATOLOGY SEARCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-7
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .15	≥ .1	≥ 0	≥ 0
NO CEILING	17.3	21.3	21.6	22.3	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000	20.8	24.8	25.2	26.2	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 18000	20.9	24.9	25.3	26.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 16000	21.1	25.5	25.8	27.0	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 14000	21.6	26.1	26.6	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	23.2	28.1	28.5	29.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000	24.1	29.5	29.9	31.2	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 9000	24.7	30.2	30.6	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 8000	26.1	32.2	32.7	34.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	27.3	33.5	34.0	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 6000	29.9	35.2	36.9	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 5000	31.8	38.4	39.0	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4500	32.7	39.7	40.3	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 4000	34.4	42.3	42.9	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 3500	37.0	46.2	47.1	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 3000	41.6	51.7	52.8	54.5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2500	45.0	57.0	58.8	60.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2000	51.2	63.9	65.6	68.1	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800	52.0	65.1	67.3	69.8	70.6	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1500	54.6	69.1	71.6	74.5	75.5	75.9	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	55.8	71.9	74.8	78.1	79.0	79.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	55.9	72.7	75.8	79.7	80.9	81.6	82.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 900	56.5	74.0	77.2	81.5	82.9	83.7	84.9	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800	56.5	74.4	78.0	82.4	83.8	84.5	85.8	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	56.6	75.6	79.2	83.7	85.1	85.8	87.2	87.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 600	56.8	76.5	80.3	84.7	86.6	87.3	88.9	89.4	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	56.8	76.8	80.8	85.7	87.8	88.6	90.8	91.4	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	56.9	77.2	81.4	86.5	88.7	89.5	91.8	92.5	92.5	93.0	93.2	93.2	93.3	93.3	93.3	93.3
≥ 300	56.9	77.6	81.9	87.3	89.6	90.8	93.7	94.3	94.3	94.8	95.2	95.2	95.5	95.5	95.5	95.5
≥ 200	56.9	77.6	82.0	87.6	90.3	91.6	95.3	95.9	95.9	96.4	97.6	97.6	98.2	98.2	98.2	98.2
≥ 100	56.9	77.6	82.0	87.6	90.3	91.6	95.3	95.9	95.9	96.4	97.6	97.6	98.2	98.2	98.2	98.2
≥ 0	56.9	77.6	82.0	87.6	90.3	91.6	95.3	95.9	95.9	96.4	97.6	97.6	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATELOGY USAPC
USAFETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

94822
STATION

GTR PITTSBURGH IAP/FITTSBURGH PA
STATION NAME

2-7
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	13.6	18.0	18.3	19.2	19.2	19.5	1.4	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 20000	16.0	21.2	21.3	22.9	23.2	23.5	2.0	24.1	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3
≥ 18000	17.1	21.7	22.0	23.4	23.6	24.1	2.4	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.8
≥ 16000	17.3	22.2	22.5	24.1	24.4	24.7	2.2	25.3	25.3	25.4	25.5	25.5	25.5	25.5	25.5	25.5
≥ 14000	17.7	22.9	23.3	24.8	25.2	25.5	2.3	26.0	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2
≥ 12000	18.0	24.1	25.1	26.7	27.1	27.4	2.7	28.0	28.0	28.1	28.2	28.2	28.2	28.2	28.2	28.2
≥ 10000	20.2	26.3	26.8	28.4	29.1	29.1	2.1	29.7	29.7	29.8	29.9	29.9	29.9	29.9	29.9	29.9
≥ 9000	21.3	27.5	28.1	29.8	30.2	30.5	3.1	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3
≥ 8000	22.6	29.4	30.0	31.8	32.2	32.6	3.0	33.1	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3
≥ 7000	23.3	30.4	31.8	33.0	33.4	33.9	3.4	34.4	34.4	34.5	34.6	34.6	34.6	34.6	34.6	34.6
≥ 6000	24.0	32.1	32.8	34.7	35.2	35.5	3.4	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3
≥ 5000	25.5	33.2	34.0	36.0	36.5	36.9	3.7	37.4	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6
≥ 4500	26.0	33.9	34.7	36.8	37.2	37.6	3.1	38.2	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4
≥ 4000	28.4	37.4	38.3	40.8	41.2	41.7	4.2	42.3	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5
≥ 3500	29.9	39.9	41.1	43.7	44.2	44.7	4.3	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6
≥ 3000	34.2	45.5	46.9	49.4	50.5	51.1	5.1	51.9	51.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2500	37.7	49.0	51.4	54.4	55.3	55.8	5.9	57.0	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3
≥ 2000	44.4	59.9	61.7	64.9	65.2	67.0	6.2	68.5	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	45.6	61.9	63.4	66.8	67.7	69.0	7.3	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2
≥ 1500	47.3	64.4	66.5	70.5	71.1	72.5	7.4	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1200	48.1	66.0	68.3	72.0	73.2	74.8	7.5	78.0	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1000	48.4	67.7	70.5	74.9	76.0	77.7	8.1	81.6	81.6	81.7	82.2	82.2	82.2	82.2	82.2	82.2
≥ 900	49.2	69.0	71.9	76.5	78.0	79.8	8.3	83.7	83.7	83.8	84.2	84.2	84.2	84.2	84.2	84.2
≥ 800	49.4	69.9	73.0	77.7	79.4	81.2	8.4	85.6	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1
≥ 700	49.4	70.2	73.4	78.5	80.2	82.2	8.5	86.6	86.6	86.7	87.2	87.2	87.2	87.2	87.2	87.2
≥ 600	49.5	70.5	74.1	79.6	81.6	84.0	8.7	88.6	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1
≥ 500	49.5	70.9	74.7	80.6	83.3	85.6	8.9	90.8	90.8	90.9	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	49.5	71.3	75.3	81.9	84.9	87.4	9.1	93.0	93.0	93.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 300	49.5	71.4	75.4	82.0	85.2	87.7	9.1	93.7	93.7	93.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 200	49.5	71.4	75.4	82.3	85.5	88.3	9.2	94.8	94.8	94.9	96.3	96.3	96.3	96.3	96.3	96.3
≥ 100	49.5	71.4	75.4	82.3	85.6	88.5	9.3	95.8	95.8	95.9	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	49.5	71.4	75.4	82.3	85.6	88.5	9.3	95.8	95.8	95.9	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1930

GLOBAL CLIMATOLOGY PROJECT
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	14.4	17.4	18.4	18.8	19.2	19.4	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 20000	16.1	21.9	22.9	23.4	24.2	24.3	24.9	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 18000	16.2	22.2	23.1	23.7	24.4	24.5	25.2	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 16000	16.2	22.7	23.2	23.8	24.7	24.6	25.3	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 14000	16.5	23.7	24.1	24.6	25.4	25.5	26.1	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 12000	14.9	25.7	26.5	27.1	27.6	28.1	28.6	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 10000	21.3	27.3	28.0	29.4	30.1	30.7	31.1	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 9000	22.2	28.9	30.3	31.4	32.3	32.5	33.2	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000	23.5	30.9	32.0	33.2	34.2	34.9	35.3	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 7000	24.5	31.6	33.1	34.5	35.4	35.8	36.6	36.6	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 6000	26.6	34.5	36.2	38.0	39.1	39.7	40.5	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 5000	27.3	35.4	37.1	38.9	40.2	40.9	41.7	41.9	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4500	27.4	35.7	37.6	39.7	41.2	41.8	42.7	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4000	28.5	37.7	39.7	41.8	43.1	44.0	44.9	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 3500	29.9	39.7	42.0	44.0	45.6	46.6	47.7	48.1	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 3000	32.9	43.2	45.7	47.8	49.6	50.6	51.9	52.3	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 2500	34.6	46.1	49.2	51.7	53.4	54.6	56.3	56.7	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 2000	40.3	54.7	58.2	61.6	63.5	64.9	67.1	67.5	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	41.1	56.7	60.1	63.5	65.5	67.1	69.2	69.7	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1500	42.2	58.7	62.4	66.1	68.5	70.3	72.5	73.7	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1200	42.8	59.8	64.0	68.2	71.1	73.4	77.3	78.2	78.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1000	42.9	60.5	65.4	69.9	72.8	75.2	79.6	80.9	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900	43.0	60.9	66.0	70.6	73.7	76.0	80.8	81.8	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 800	43.1	61.3	66.3	71.4	74.6	77.1	82.0	83.1	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 700	43.2	61.8	67.1	71.9	75.5	78.6	83.9	84.9	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 600	43.3	62.2	67.5	73.1	77.3	80.3	85.1	87.3	87.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500	43.3	62.4	67.8	74.0	77.8	81.2	87.5	88.8	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 400	43.3	62.4	68.0	74.1	78.3	81.9	89.1	90.8	90.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 300	43.3	62.4	68.0	74.2	78.8	82.3	91.2	92.2	92.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	43.3	62.4	68.0	74.2	78.8	82.4	91.5	92.5	92.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	43.3	62.4	68.0	74.2	78.8	82.7	91.9	93.0	93.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0	43.3	62.4	68.0	74.2	78.8	82.7	91.9	93.0	93.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

94823
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

9-76
YEARS

DEL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	14.3	14.7	17.3	17.5	17.6	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 20000	18.1	21.0	22.2	22.2	22.2	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
IV 18000	18.1	21.0	22.2	22.2	22.2	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
IV 16000	16.1	21.0	22.2	22.2	22.2	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
IV 14000	19.0	21.9	23.1	23.1	23.1	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
IV 12000	20.9	23.9	25.1	25.1	25.1	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
IV 10000	22.8	25.9	27.2	27.2	27.2	27.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
IV 9000	24.1	27.3	28.6	28.6	29.2	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
IV 8000	24.8	28.7	30.1	30.4	30.9	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
IV 7000	25.8	29.9	31.2	31.5	32.2	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
IV 6000	28.3	33.1	34.4	34.7	35.4	35.4	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 5000	28.4	33.5	35.2	35.5	36.1	36.3	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 4500	29.0	34.4	35.9	36.3	37.1	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 4000	30.1	36.3	37.8	38.4	39.1	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 3500	33.1	39.9	41.4	42.0	42.9	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 3000	38.1	46.2	48.2	48.9	49.9	50.4	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.2
IV 2500	41.2	51.4	53.7	54.7	55.8	56.3	56.9	57.1	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.4
IV 2000	47.7	59.5	62.2	63.1	66.2	66.9	67.0	68.5	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 1800	48.2	61.1	64.0	65.3	68.2	68.8	69.9	70.4	70.4	70.9	71.1	71.1	71.1	71.2	71.2	71.2
IV 1500	50.1	64.6	67.6	71.1	72.5	73.4	73.9	75.9	75.9	76.5	76.7	76.7	76.8	76.8	76.8	76.8
IV 1200	51.2	66.6	70.3	74.1	75.6	76.9	78.9	80.0	80.0	80.8	81.1	81.1	81.2	81.2	81.2	81.2
IV 1000	51.8	68.1	72.5	76.5	78.0	79.5	81.7	82.8	82.8	83.7	84.1	84.1	84.2	84.2	84.2	84.2
IV 900	51.9	69.1	73.5	77.7	79.2	80.9	83.3	84.4	84.4	85.3	85.7	85.7	85.8	85.8	85.8	85.8
IV 800	52.3	70.3	74.6	79.4	80.9	82.6	85.5	86.6	86.6	87.4	87.8	87.8	88.0	88.0	88.0	88.0
IV 700	52.3	70.4	75.4	80.1	81.7	83.7	86.8	87.8	87.8	88.8	89.2	89.2	89.4	89.4	89.4	89.4
IV 600	52.4	71.1	76.2	81.3	83.0	84.9	88.0	89.9	89.9	91.0	91.4	91.4	91.5	91.5	91.5	91.5
IV 500	52.4	71.1	76.2	81.3	83.0	84.9	88.0	89.9	89.9	91.0	91.4	91.4	91.5	91.5	91.5	91.5
IV 400	52.4	71.2	76.3	81.7	83.5	85.8	89.3	92.4	92.4	94.0	94.7	94.7	94.8	94.8	94.8	94.8
IV 300	52.5	71.3	76.6	82.0	84.1	86.7	91.7	94.1	94.1	96.0	97.0	97.0	97.5	97.5	97.5	97.5
IV 200	52.5	71.3	76.6	82.0	84.1	86.7	91.7	94.2	94.2	96.9	98.2	98.2	99.0	99.1	99.2	99.2
IV 100	52.5	71.3	76.6	82.0	84.1	86.7	91.7	94.2	94.2	96.9	98.3	98.3	99.4	99.6	99.7	100.0
IV 0	52.5	71.3	76.6	82.0	84.1	86.7	91.7	94.2	94.2	96.9	98.3	98.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

94822
STATION

GTR PITTSBURGH IAP/PITTSBURGH - PA
STATION NAME

9-7
YEARS

JFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	16.2	17.7	18.3	18.4	18.5	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥20000	19.3	21.7	22.2	22.4	22.5	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥18000	19.7	22.1	22.6	22.7	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥16000	19.9	22.3	22.8	22.9	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥14000	20.1	22.5	23.0	23.1	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥12000	22.0	24.4	24.8	25.1	25.3	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥10000	23.5	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥9000	24.7	28.7	28.8	28.7	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥8000	25.7	29.1	29.7	30.1	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥7000	26.6	30.3	30.8	31.3	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥6000	30.2	34.8	35.3	36.1	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥5000	31.5	36.3	37.3	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥4500	32.3	37.3	38.4	39.0	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥4000	34.9	41.1	42.2	42.9	43.3	43.4	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥3500	38.3	44.9	46.1	46.9	47.3	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥3000	42.5	50.9	52.3	53.0	53.4	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥2500	46.1	56.7	57.8	58.8	59.3	59.8	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥2000	49.7	62.4	64.5	66.6	67.4	67.9	68.6	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥1800	50.4	63.5	65.9	68.2	69.0	69.6	71.5	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥1500	51.5	65.7	68.6	71.0	72.2	72.7	75.3	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥1200	52.3	67.8	71.3	74.2	75.4	76.2	79.5	80.0	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥1000	53.1	69.9	73.7	77.0	78.2	79.0	83.0	83.8	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥900	53.2	70.3	74.3	77.4	78.9	79.8	83.8	84.5	84.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥800	53.3	70.9	75.1	78.5	79.9	80.8	85.2	86.2	86.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥700	53.3	71.0	75.4	78.7	80.4	81.3	85.9	86.9	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥600	53.3	71.1	75.5	79.1	81.1	82.0	87.0	88.2	88.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥500	53.3	71.2	75.6	79.2	81.0	82.6	88.1	89.0	89.7	91.0	91.4	91.4	91.4	91.4	91.4	91.4
≥400	53.3	71.3	75.8	79.8	82.3	84.1	91.1	92.0	92.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6
≥300	53.3	71.3	75.8	79.8	82.3	84.4	91.0	93.5	93.7	95.9	96.9	96.9	96.9	96.9	96.9	96.9
≥200	53.3	71.3	75.8	79.8	82.6	84.5	91.1	93.7	93.8	96.2	97.2	97.2	97.2	97.2	97.2	97.2
≥100	53.3	71.3	75.8	79.8	82.6	84.5	91.1	93.9	94.0	96.5	97.7	97.7	97.7	97.7	97.7	97.7
≥0	53.3	71.3	75.8	79.8	82.6	84.5	91.1	93.9	94.0	96.5	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

94822
STATION

GIR PITTSBURGH IAP/FITTSBURGH PA
STATION NAME

9-7
YEARS

EE
LOC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	20.4	22.7	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
IV 18000	22.7	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
IV 16000	22.7	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
IV 14000	23.3	25.4	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
IV 12000	24.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
IV 10000	26.5	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 9000	27.4	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 8000	28.9	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
IV 7000	29.7	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
IV 6000	33.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 5000	35.3	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 4500	36.7	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 4000	40.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 3500	43.2	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 3000	46.6	55.5	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 2500	51.8	62.4	63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 2000	57.4	69.8	71.1	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1800	58.6	71.5	73.0	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 1500	60.3	74.2	75.5	77.1	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1200	61.7	77.4	79.2	81.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 1000	62.0	78.7	80.9	83.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 900	62.4	79.5	81.6	84.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 800	62.6	80.0	82.3	84.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 700	62.7	80.5	82.9	85.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 600	62.8	81.3	83.9	87.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 500	62.9	81.6	84.1	87.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 400	62.9	81.6	84.3	88.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 300	62.9	81.7	84.4	89.2	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 200	63.0	81.8	84.9	89.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 100	63.0	81.8	84.9	89.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 0	63.0	81.8	84.9	89.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS 930

1932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

94822

GTR PITTSBURGH IAP/PITTSBURGH PA

9-71

066

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO CEILING	21.7	23.4	23.4	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥20000	23.8	24.8	26.8	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 18000	23.8	24.8	26.8	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 16000	23.8	24.8	26.8	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 14000	24.2	27.4	27.4	27.7	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 12000	26.1	28.7	29.7	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 10000	27.6	31.4	31.4	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IV 9000	28.9	33.2	33.4	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 8000	30.1	34.8	34.8	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 7000	31.4	35.9	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 6000	33.5	38.9	38.9	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 5000	34.8	40.1	40.3	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 4500	35.7	41.3	41.8	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 4000	35.7	45.5	46.1	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 3500	41.4	49.5	49.4	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 3000	45.5	54.4	55.2	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 2500	49.2	58.8	59.9	61.0	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 2000	54.7	66.9	68.4	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 1800	55.2	67.7	69.3	71.0	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 1500	57.7	71.9	74.0	75.8	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 1200	59.2	74.4	77.3	78.9	80.1	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1000	60.0	76.3	79.0	81.4	83.7	83.2	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 900	60.3	77.1	79.4	82.8	84.2	84.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 800	60.3	77.1	80.3	83.7	85.2	85.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 700	60.4	77.3	81.4	84.5	86.0	86.3	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 600	60.4	77.3	82.2	85.5	87.2	87.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 500	60.4	79.0	82.0	86.8	88.7	89.2	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 400	60.5	79.2	83.4	87.8	90.3	91.3	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 300	60.5	79.2	83.4	87.8	90.3	91.3	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 200	60.5	79.5	83.7	88.1	91.5	92.3	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 100	60.5	79.5	83.7	88.1	91.5	92.3	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 0	60.5	79.5	83.7	88.1	91.5	92.3	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEATTLE CLIMATOLOGY BRANCH
USAF ETAC
AIR MAIL SERVICE/ETAC

CEILING VERSUS VISIBILITY

94522 GTR PITTSBURGH IAP/PITTSBURGH PA

9-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	17.1	20.0	20.3	20.4	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥20000	20.1	23.6	24.1	24.2	24.3	24.9	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥18000	20.2	23.7	24.2	24.3	25.1	25.1	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4
≥16000	20.4	24.0	24.3	25.0	25.3	25.4	25.5	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7
≥14000	20.5	24.4	25.2	25.7	26.0	26.1	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4
≥12000	22.5	26.7	27.3	27.9	28.3	28.4	28.5	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7
≥10000	24.1	28.6	29.2	29.3	30.2	30.3	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7
≥9000	25.1	30.0	30.7	31.4	31.7	31.9	32.0	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2
≥8000	26.3	31.6	32.3	33.1	33.3	33.4	33.8	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0
≥7000	27.3	32.8	33.3	34.3	34.7	34.9	35.1	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3
≥6000	29.9	36.0	36.8	37.7	38.2	38.3	38.6	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8
≥5000	31.1	37.4	38.4	39.3	39.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8
≥4500	31.7	38.4	39.4	40.3	40.7	41.0	41.3	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5
≥4000	32.9	41.5	42.5	43.5	44.1	44.3	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥3500	36.4	44.9	46.1	47.2	47.8	48.0	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥3000	40.8	50.5	51.9	53.2	53.9	54.2	54.7	54.8	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0
≥2500	44.2	55.1	56.8	58.3	59.2	59.5	60.1	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥2000	49.6	62.7	64.9	67.1	68.0	68.5	69.7	69.7	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1
≥1800	50.5	64.7	66.5	68.3	69.6	70.4	71.4	71.6	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥1500	52.6	67.5	70.0	72.7	73.3	74.5	75.9	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥1200	53.3	68.8	72.7	75.8	77.1	78.0	79.9	80.3	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥1000	54.0	71.1	74.5	78.0	79.4	80.3	82.6	83.2	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9
≥900	54.3	71.5	75.5	79.1	80.0	81.6	84.0	84.6	84.6	85.2	85.4	85.4	85.4	85.4	85.5	85.5
≥800	54.4	72.5	76.3	80.1	81.7	82.7	85.3	86.0	86.0	86.6	86.9	86.9	86.9	86.9	86.9	86.9
≥700	54.5	73.1	77.0	80.9	82.6	84.7	86.5	87.2	87.2	87.9	88.2	88.2	88.2	88.2	88.2	88.3
≥600	54.6	73.7	77.6	81.9	83.8	85.0	88.1	88.3	88.9	89.7	90.0	90.0	90.0	90.0	90.1	90.1
≥500	54.6	73.7	78.0	82.4	84.9	86.2	89.0	90.7	90.7	91.6	92.0	92.0	92.0	92.1	92.1	92.1
≥400	54.6	74.0	78.4	83.5	86.1	87.6	91.4	92.7	92.7	93.8	94.3	94.3	94.4	94.4	94.5	94.5
≥300	54.7	74.0	78.6	83.3	86.6	88.3	92.4	94.1	94.1	95.6	96.2	96.2	96.5	96.6	96.6	96.6
≥200	54.7	74.1	78.7	83.9	86.9	88.6	93.1	94.9	94.9	96.8	97.6	97.7	98.3	98.4	98.5	98.6
≥100	54.7	74.1	78.7	83.9	87.0	88.7	93.2	95.1	95.1	97.1	98.1	98.1	99.0	99.1	99.5	99.5
≥0	54.7	74.1	78.7	83.9	87.0	88.7	93.2	95.1	95.1	97.1	98.1	98.1	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7449

GLOBAL CLIMATOLOGY PROGRAM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94823 GTR PITTSBURGH IAP/PITTSBURG, PA

0-73

31

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	25.5	37.7	34.4	36.1	37.1	37.4	38.2	38.4	38.4	37.6	36.7	36.7	36.8	36.8	36.8	36.8
≥ 20000	28.9	37.2	39.3	41.3	42.4	43.1	44.0	44.1	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.6
≥ 18000	29.0	37.3	39.4	41.5	42.5	43.2	44.0	44.2	44.2	44.5	44.5	44.5	44.6	44.6	44.7	44.8
≥ 16000	29.1	37.5	39.5	41.6	42.6	43.4	44.1	44.4	44.4	44.6	44.7	44.7	44.8	44.8	44.9	45.0
≥ 14000	29.3	37.7	39.7	41.8	42.8	43.6	44.3	44.6	44.6	44.8	44.9	44.9	45.0	45.0	45.1	45.2
≥ 12000	29.5	37.9	39.9	42.0	43.0	43.8	44.5	44.8	44.8	45.0	45.1	45.1	45.2	45.2	45.3	45.4
≥ 10000	30.7	39.6	41.8	44.1	45.1	46.0	46.7	47.0	47.0	47.2	47.3	47.3	47.4	47.4	47.5	47.5
≥ 9000	32.1	41.7	44.1	46.4	47.7	48.5	49.2	49.5	49.5	49.8	49.9	49.9	50.0	50.0	50.0	50.1
≥ 8000	33.1	42.0	45.3	48.0	49.1	50.1	50.9	51.2	51.2	51.5	51.5	51.5	51.6	51.6	51.7	51.8
≥ 7000	34.4	44.9	47.3	50.2	51.5	52.4	53.2	53.5	53.5	53.8	53.9	53.9	54.0	54.0	54.0	54.1
≥ 6000	35.4	46.1	49.0	51.7	53.1	54.0	54.8	55.2	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.8
≥ 5000	36.4	47.3	50.8	53.7	55.1	56.0	56.8	57.2	57.2	57.5	57.5	57.5	57.6	57.6	57.6	57.7
≥ 4500	39.4	51.6	54.7	57.7	59.1	60.1	61.3	61.7	61.7	62.0	62.1	62.1	62.2	62.2	62.3	62.3
≥ 4000	40.4	52.9	56.2	59.3	61.0	62.0	63.0	63.4	63.4	63.7	63.8	63.8	63.9	63.9	63.9	64.0
≥ 3500	42.4	55.3	59.2	62.5	64.3	65.3	66.4	66.8	66.8	67.2	67.3	67.3	67.4	67.4	67.4	67.5
≥ 3000	44.2	58.3	61.9	65.4	67.1	68.4	69.6	70.0	70.0	70.3	70.4	70.4	70.5	70.5	70.6	70.7
≥ 2500	46.3	61.8	65.3	69.3	71.1	72.3	73.5	74.0	74.0	74.4	74.5	74.5	74.6	74.6	74.7	74.8
≥ 2000	48.1	64.5	68.0	72.1	74.1	75.4	76.7	77.2	77.2	77.6	77.7	77.7	77.9	77.9	77.9	78.0
≥ 1800	50.7	68.2	72.7	77.1	79.1	80.8	82.4	83.0	83.0	83.4	83.5	83.5	83.7	83.7	83.8	83.9
≥ 1500	51.6	69.8	74.5	79.2	81.0	82.7	84.0	85.6	85.7	86.1	86.3	86.3	86.4	86.4	86.5	86.6
≥ 1200	52.2	71.2	76.1	81.0	83.0	85.3	87.4	88.1	88.1	88.6	88.8	88.8	88.9	88.9	89.0	89.1
≥ 1000	52.6	72.0	77.2	82.4	85.1	86.9	89.2	90.0	90.0	90.6	90.7	90.7	90.9	90.9	91.0	91.1
≥ 900	52.7	72.4	77.5	82.9	85.8	87.6	90.0	90.8	90.8	91.4	91.6	91.6	91.7	91.7	91.8	91.9
≥ 800	52.8	72.7	78.1	83.6	86.5	88.3	90.9	91.8	91.8	92.5	92.6	92.6	92.8	92.8	92.9	93.0
≥ 700	52.8	73.0	78.5	84.1	87.0	89.0	91.7	92.5	92.6	93.3	93.5	93.5	93.6	93.6	93.7	93.8
≥ 600	52.9	73.2	78.8	84.6	87.7	89.7	92.6	93.5	93.6	94.3	94.5	94.5	94.7	94.7	94.8	94.9
≥ 500	52.9	73.4	79.0	85.1	88.1	90.2	93.4	94.4	94.5	95.4	95.6	95.6	95.8	95.8	95.9	96.0
≥ 400	52.9	73.4	79.2	85.2	88.0	90.3	93.2	95.4	95.5	96.6	96.9	96.9	97.1	97.1	97.2	97.3
≥ 300	52.9	73.5	79.2	85.3	88.0	91.1	94.7	96.0	96.1	97.4	97.7	97.8	98.0	98.0	98.1	98.2
≥ 200	52.9	73.5	79.2	85.4	88.0	91.2	94.9	96.4	96.5	97.9	98.3	98.5	98.7	98.7	98.8	98.9
≥ 100	52.9	73.5	79.2	85.4	88.0	91.2	95.0	96.5	96.5	98.1	98.7	98.7	99.2	99.2	99.3	99.7
≥ 0	52.9	73.5	79.2	85.4	88.0	91.2	95.0	96.5	96.5	98.1	98.7	98.7	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 87643

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

76-79

مجلس

MONTH	HOURS TESTED	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF TESTS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.4			10.0						9.0	65.6	7.7	930
	03-05	14.1			9.0					9.0	67.8	7.9	930	
	06-08	10.9			9.5					11.1	68.6	8.1	930	
	09-11	6.7			10.6					20.3	62.4	8.4	930	
	12-14	5.6			10.2					22.2	62.0	8.5	930	
	15-17	6.9			8.9					20.4	63.8	8.5	930	
	18-20	11.9			11.1					16.2	60.8	7.9	930	
	21-23	16.3			11.1					10.2	62.4	7.5	930	
TOTALS		11.0			10.1						14.8	64.2	8.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/AFAC

SKY COVER

94A23

GTR pITTSBURGH 1Ap/pITTSBURGH-4 pA

30-79

FLB

STATION

STATION NAME

PERIOD

400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	20.8			10.0						9.9	58.6	7.1	846
	03-05	17.5			10.5						10.2	61.8	7.4	846
	06-08	13.1			11.8						13.4	61.7	7.7	846
	09-11	11.0			14.7						18.4	55.9	7.7	846
	12-14	8.7			12.3						24.5	54.5	8.0	846
	15-17	11.7			12.0						21.4	54.1	7.7	846
	18-20	17.0			15.2						16.7	51.1	7.1	846
	21-23	20.0			15.8						10.4	53.8	6.8	846
TOTALS		15.0			13.0						15.6	56.4	7.4	6768

2

MAR

MAY

251 Q5

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94823

GTR pITTSBURGH IAP/pITTSBURGH PA

70-79

ΔpR

STATION

STATION NAME

6820

MONITORING

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	30.9			12.8						10.4	45.9	5.9	900
	03-05	26.9			14.9						9.8	48.4	6.2	900
	06-08	20.6			15.6						16.0	47.9	6.7	900
	09-11	18.7			16.0						20.4	44.9	6.8	900
	12-14	13.7			15.8						26.9	43.7	7.3	900
	15-17	12.7			18.4						25.1	43.8	7.2	900
	18-	17.7			17.8						17.9	46.7	6.8	900
	21-23	28.1			15.3						11.7	44.9	6.0	900
TOTALS		21.2			15.8						17.3	45.8	6.6	7200

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

May

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	31.7			17.6						12.5	38.2	5.5	930
	03-05	27.8			17.4						13.5	41.2	5.9	930
	06-08	22.2			16.2						18.6	43.0	6.5	930
	09-11	20.0			15.2						25.3	39.6	6.7	930
	12-14	8.1			22.7						28.8	40.4	7.3	930
	15-17	10.6			20.3						28.9	40.1	7.2	930
	18-20	15.4			16.1						24.6	41.9	6.9	928
	21-23	26.1			18.3						17.0	38.5	5.9	927
TOTALS		20.2			18.2						21.2	40.4	6.5	7435

2

JUN

STATION

STATION NAME

011 03

42

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL
1952

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	35.1			16.6						16.6	31.8	5.2	930
	03-05	30.2			18.4						16.4	35.0	5.5	928
	06-08	22.5			20.6						21.4	35.5	6.1	929
	09-11	17.4			19.7						29.7	33.2	6.6	930
	12-14	5.3			22.8						41.5	30.4	7.5	930
	15-17	5.5			28.9						33.2	32.4	7.1	930
	18-20	14.3			31.0						22.8	31.9	6.2	930
	21-23	27.5			22.5						21.1	28.9	5.5	930
TOTALS		19.7			22.6						25.3	32.4	6.2	7437

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

94823
STATION

69-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	36.2			15.4						17.7	30.6	5.1	930
	03-05	33.8			14.2						17.9	34.1	5.4	928
	06-08	22.8			20.0						20.3	36.9	6.1	925
	09-11	20.9			22.0						23.5	33.7	6.1	929
	12-14	9.7			21.9						39.7	26.7	7.1	930
	15-17	10.4			29.6						33.5	26.5	6.6	930
	18-20	20.4			27.0						26.7	25.9	5.8	930
	21-23	34.0			21.5						19.8	24.9	4.9	930
TOTALS		23.5			21.4						24.9	30.2	5.9	7432

2

SLP

59-78

SLP

USAFETAC FORM 88-44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

94823 GTR pITTSBUKGH IAp/pITTSBU²G-4 pA

64-78

50 T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTH OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9		
JUL	00-02	38.2			12.9					11.2	37.7	5.2	929
	03-05	38.2			11.1					11.9	38.8	5.3	950
	06-08	23.2			18.1					17.0	41.7	6.2	930
	09-11	19.7			17.1					23.1	40.1	6.6	930
	12-14	16.3			16.7					27.3	39.7	6.9	930
	15-17	18.1			16.6					24.9	40.2	6.8	930
	18-20	27.4			16.6					17.8	38.2	5.9	930
	21-23	24.5			15.3					11.5	36.7	5.4	930
TOTALS		27.0			15.6					18.1	39.4	6.0	7439

SKY COVER

100
 100

MONTH	HOURS EST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8			9
NOV	00-02	21.2			11.0					12.0	55.8	7.0	900
	03-05	13.7			10.4					10.3	60.6	7.3	900
	06-08	12.2			11.2					15.6	61.0	7.8	899
	09-11	10.2			12.2					16.6	61.0	8.0	900
	12-14	5.2			13.6					19.1	62.1	8.3	900
	15-17	8.1			12.6					19.3	50.0	8.1	900
	18-20	13.6			11.8					14.4	50.2	7.7	900
	21-23	19.3			12.2					12.1	56.3	7.1	900
TOTALS		13.0			11.9					14.9	59.6	7.7	7199

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/4AC

SKY COVER

94223

GTR pITTSBURGH IAP/pITTSBURGH-2 0A

49-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS TEST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	12.0			9.5						11.4	66.5	5.0	929
	03-05	11.1			8.9						10.8	69.2	8.2	929
	06-08	7.0			9.0						12.4	70.4	6.4	930
	09-11	6.9			8.8						16.6	67.7	8.5	930
	12-14	6.3			6.9						19.9	66.9	8.7	930
	15-17	5.1			8.6						18.7	67.6	8.7	930
	18-20	8.8			9.9						14.2	67.1	8.3	930
	21-23	12.8			8.0						11.3	68.0	8.1	930
	TOTALS	8.9			8.8						14.4	67.9	8.4	7438

USAFETAC

FORM 8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94823
STATION

GTP PITTSBURGH IAP/pITTSBURGH PA
STATION NAME

69-79
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	11.0			10.1						14.8	64.2	8.1 7440
FEB		15.0			13.0						15.6	56.4	7.4 6760
MAR		14.1			12.5						16.1	57.3	7.6 7440
APR		21.2			15.8						17.3	45.8	6.6 7200
MAY		20.2			18.2						21.2	40.4	6.5 7435
JUN		15.5			23.2						26.5	34.9	6.6 7200
JUL		19.7			22.6						25.3	32.4	6.2 7437
AUG		23.5			21.4						24.9	30.2	5.9 7432
SEP		22.2			18.8						21.9	37.2	6.3 7198
OCT		27.0			15.0						18.1	39.4	6.0 7439
NOV		13.6			11.9						14.9	59.0	7.7 7199
DEC		8.9			8.8						14.4	57.9	8.4 7438
TOTALS		17.7			16.0						19.3	47.1	6.9 87626

USAFETAC

FORM
24 64 8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
 - b. Extreme minimum temperature
- NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1^{\circ}\text{F}$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) $\frac{1}{2}$ indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

1. CLIMATE DATA
 2. AIR FORCE SERVICE/AC
 94823 GTR PITTSBURGH IAP/PITTSBURGH PA 1-7,
 STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

AXIAL

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						.5	.5	1.1	.8				.5
90					.7	5.5	9.7	6.1	5.2				1
85				.9	5.4	5.0	32.6	27.3	13.1	.6			
80			.2	6.9	21.1	53.2	70.8	64.6	25.7	4.9	.1		21.1
75			2.4	16.0	38.2	72.4	89.0	65.0	51.9	14.9	.5		31.1
70			6.3	27.2	56.3	89.2	90.1	96.3	70.9	29.9	4.5	.1	40.1
65	.4	1.2	11.7	40.0	72.2	95.8	92.6	99.5	86.0	45.0	11.0	1.4	47.3
60	2.2	4.0	19.9	53.8	84.1	98.1	99.9	100.0	95.6	63.6	23.2	5.5	54.6
55	6.3	8.9	31.0	69.0	92.9	99.6	100.0		99.1	77.4	36.0	11.3	61.2
50	10.8	15.7	42.6	80.3	97.5	100.0		100.0	89.0	51.2	18.2		67.3
45	17.9	25.4	56.3	89.5	99.5				96.2	64.2	28.9		73.4
40	31.0	37.5	71.3	97.1	100.0				99.3	79.9	42.8		80.1
35	45.8	56.1	83.6	99.4					99.9	91.2	58.9		86.4
30	60.4	72.3	93.8	100.0					100.0	97.1	77.4		91.8
25	76.1	84.5	98.5							99.1	88.7		95.6
20	87.3	91.8	99.9							99.9	95.8		97.9
15	94.8	96.6	100.0							100.0	98.5		99.2
10	97.8	99.5									99.8		99.7
5	99.6	99.9										100.0	100.0
0	99.8	100.0											100.0
-5	100.0												100.0
MEAN	33.5	36.6	47.8	61.0	70.5	79.8	82.3	81.0	74.6	63.1	49.9	38.3	59.8
S.D.	12.316	7.204	12.838	12.117	9.866	7.544	5.782	5.840	8.628	10.321	11.583	11.821	20.159
TOTAL OBS	536	724	906	780	806	780	806	806	700	806	780	806	9426

DAILY TEMPERATURES

U.S. AIR FORCE

USAF TAC

AIR BASE SERVICE/AC

STATION

GER PITTSBURGH, PA 15-7

STATION NAME

YEARS

CUMULATIVE PERCENT OF FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

1.1

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75							1.1						1.1
70					1.1	1.4	5.6	3.1	9.9				7.2
65				1.1	15.9	15.9	33.1	27.7	25.8	2.5			17.2
60			2.6	11.2	41.2	66.7	28.8	25.8	2.5				27.6
55		1.1	9.9	8.3	27.0	83.5	86.7	10.1	47.7	19.7	2.9	1.1	33.9
50	1.1	1.3	2.6	19.2	56.2	83.7	97.1	95.0	86.7	21.6	4.5	1.1	45.2
45	2.2	4.7	6.7	31.5	54.2	95.4	99.8	98.9	86.0	39.5	13.7	3.0	53.7
40	6.9	9.9	27.0	62.5	93.8	99.0	100.0	100.0	95.6	61.9	26.0	6.3	62.0
35	11.6	14.7	36.2	72.4	97.0	100.0			99.1	61.1	42.3	16.2	66.3
30	19.1	24.2	48.3	84.4	99.4				99.9	88.2	51.2	20.7	72.2
25	33.5	41.2	70.7	95.9	100.0				100.0	94.5	65.1	31.6	81.7
20	50.4	56.6	84.1	99.6						88.2	85.3	52.2	88.1
15	63.1	70.0	92.6	100.0						99.0	95.4	69.1	92.1
10	76.1	81.7	97.8							100.0	97.8	80.2	95.5
5	87.0	89.7	99.6								99.1	90.1	97.1
0	94.3	95.9	99.9								99.5	95.6	99.0
-5	97.4	98.3	100.0								99.9	98.7	99.0
-10	99.5	100.0									100.0	100.0	100.0
-15	99.8												100.0
-20	100.0												100.0
MEAN	18.5	20.7	29.3	39.6	48.4	57.1	61.9	60.2	53.6	42.4	33.7	24.3	40.3
S D	11.791	11.672	9.920	10.011	9.774	7.124	5.776	6.176	8.223	8.666	9.775	10.768	17.462
TOTAL OBS	802	726	806	760	806	780	706	806	780	806	780	806	9484

2

3111

U. S. AIR FORCE
 100-10
 AIR LAUNCH SERVICE/ 40
 74243 G. R. PITT, JR. IAP/HITISPO 10 7-7
 STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5						.1	.1		.1				.1
10						2.0	2.0	3.6	1.2				7.0
15				.1	2.4	18.2	35.1	24.2	3.7	.2			10.0
20				2.4	10.0	46.4	71.2	63.2	26.2	7.1			29.0
25			.6	11.0	31.0	70.1	90.8	66.6	31.2	9.4	.0		39.0
30		.1	3.7	22.1	52.2	89.1	99.4	97.3	72.2	23.0	8.0	.2	47.0
35	.6	3.6	8.3	30.2	71.7	97.3	100.0	95.9	87.8	44.3	17.1	1.9	54.4
40	1.3	3.6	17.0	49.5	87.0	99.5		100.0	97.8	65.0	22.8	5.1	62.0
45	5.4	8.1	27.7	68.6	95.0	100.0			99.9	82.5	41.0	11.4	69.0
50	13.2	18.0	44.3	84.4	99.1				100.0	94.3	57.6	22.8	77.4
55	23.8	32.1	64.3	95.0	100.0					98.4	75.6	38.8	85.0
60	40.8	49.0	81.1	99.2						99.9	91.5	56.9	90.6
65	57.5	65.3	91.4	100.0						100.0	94.0	74.6	94.5
70	71.2	79.9	97.4								98.6	85.1	97.3
75	84.5	89.0	99.4								97.6	94.2	98.3
80	92.6	95.7	100.0								99.9	97.3	99.0
85	96.9	99.2									100.0	99.5	99.9
90	99.1	99.7										100.0	100.0
95	99.3	100.0											100.0
100	100.0												100.0
MEAN	26.3	29.0	38.8	50.5	59.7	68.2	72.1	70.8	64.3	53.1	42.1	31.5	50.5
S.D.	11.466	11.219	10.674	10.330	8.543	6.717	5.028	5.290	7.670	8.643	10.034	10.764	11.428
TOTAL OBS	802	726	806	780	806	780	806	806	780	806	780	806	9454

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

94823 GTP PITTSBURGH JAP/PITTSBURGH PA 53-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						94	91	97	97	82	72	63	
54	60	69	71	84	86	90	99	93	97	83	71	56	99
55	59	62	72	78	86	86	93	95	91	81	71	63	95
56	52	59	67	82	85	91	88	89	86	79	72	66	91
57	57	68	70	87	84	90	92	93	90	72	66	60	93
58	44	57	57	83	82	88	90	86	86	78	76	49	90
59	67	65	74	78	87	92	91	92	95	87	74	58	95
60	58	61	74	85	86	89	90	88	87	80	70	63	90
61	51	66	74	77	83	89	89	95	91	80	82	63	95
62	60	60	75	85	91	91	89	95	85	80	61	62	95
63	51	50	77	62	88	93	92	85	86	64	69	50	93
64	58	52	67	83	89	89	90	88	99	79	70	65	94
65	63	63	62	74	87	87	92	94	87	72	68	65	94
66	55	57	80	78	84	96	96	89	87	79	71	68	98
67	66	60	78	80	87	93	91	86	84	81	66	67	93
68	47	51	76	77	78	90	93	92	86	81	72	60	93
69	58	51	74	81	89	93	90	86	86	85	63	41	93
70	59	56	62	87	87	89	91	88	89	80	62	61	91
71	55	62	71	79	84	96	89	87	91	80	72	72	96
72	68	61	72	78	84	85	91	90	86	73	67	67	91
73	60	60	78	80	79	90	91	92	92	79	68	63	92
74	64	57	75	82	86	84	92	87	82	78	77	49	92
75	64	64	66	72	83	86	96	96	77	80	74	63	96
76	53	68	78	86	81	85	88	84	84	72	63	56	88
77	34	65	80	82	87	84	91	88	88	73	74	65	91
78	49	38	70	82	88	93	95	87	87	73	69	61	95
79	59	46	75	83	88								
MEAN	56.6	58.8	72.1	81.0	85.3	89.7	91.6	90.1	88.1	78.9	70.0	60.6	93.3
S.D.	7.632	7.323	5.799	3.837	3.085	3.459	2.758	3.794	4.564	4.121	4.858	5.946	2.577
TOTAL OBS.	806	734	806	780	806	780	806	780	806	806	780	806	9496

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

GLOBAL CLIMATOLOGY BRANC
USAF ETAC
AIR WEATHER SERVICE/PAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 53-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53							44	50	47	37	29	19	8	
54		5	8	12	20	33	47	49	51	39	30	26	10	5
55		-3	-7	12	27	35	48	59	53	42	30	9	5	-7
56		9	11	15	22	32	43	30	46	34	31	13	10	9
57		-6	15	13	24	32	49	50	50	34	28	22	8	-6
58		7	-8	21	22	37	40	54	48	38	32	-1	-3	-8
59		-3	1	16	27	35	44	53	51	31	27	8	9	-3
60		11	8	-1	21	31	44	48	51	41	30	20	-3	-2
61		-10	-7	14	24	32	42	48	51	36	34	23	4	-10
62		-	-4	6	22	40	50	47	45	33	24	21	-5	-5
63		-18	-9	17	25	26	39	42	44	35	30	21	-4	-10
64		-6	6	13	13	39	38	51	43	37	26	11	9	-6
65		-8	-1	9	21	42	44	45	40	36	16	21	15	-6
66		-10	3	11	28	27	36	46	52	38	25	21	1	-10
67		7	-6	5	25	32	50	52	51	37	22	14	9	-6
68		-8	-6	12	21	27	40	46	44	40	23	21	-3	-6
69		3	6	10	21	33	43	51	46	35	21	14	4	3
70		-5	-6	11	25	26	45	51	52	38	31	11	14	-6
71		-3	-6	14	24	30	49	49	47	41	37	9	14	-6
72		-10	-3	5	19	34	34	47	48	42	20	19	11	-10
73		5	-7	22	23	33	48	51	47	40	33	21	12	-7
74		7	8	9	21	32	41	54	54	33	29	19	17	7
75		8	-3	12	22	40	41	55	50	36	22	21	10	-3
76		-2	-1	17	21	32	49	51	42	41	22	0	-7	-7
77		-17	-5	15	15	33	39	44	43	40	32	15	4	-17
78		1	3	5	29	30	42	49	52	35	29	23	7	1
79	*	0*	0	12	22	32								
MEAN		-2.0	-4.4	11.8	22.5	32.9	43.4	49.7	48.0	37.3	27.4	16.2	6.0	-5.2
S.D.		8.049	6.837	5.099	3.373	4.189	4.429	3.685	3.816	3.040	4.989	7.003	6.771	6.401
TOTAL OBS		802	726	806	780	806	780	806	806	780	806	780	806	9484

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 32-0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

PSYCHROMETRIC SUMMARY

94822 GTP PITTSBURGH IAP/PITTSBURGH PA 0-71 1A1
STATION MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/ 59				.4		.1												5	5																
58/ 57			.5	.2														7	7																
56/ 55				.1	.1													2	2	2															
54/ 53			.1															1	1	9															
52/ 51		.1	.3	.3														7	7	1	5														
50/ 49		.2	.3	.1														4	6	3	4														
48/ 47		.1	.2		.1													4	4	4	4														
46/ 45		.3	.1	.5	.4													17	10	5	4														
44/ 43		1.0	.8	.4														26	25	9	11														
42/ 41		.5	.7	.4		.1	.2											18	18	15	8														
40/ 39	.2	1.0	2.0	.3														32	32	20	14														
38/ 37	.1	2.4	1.4	.5														41	42	32	11														
36/ 35	.7	1.5	1.4	.5														38	38	45	18														
34/ 33	.2	3.2	1.8	.3														51	51	32	21														
32/ 31		2.4	1.0	.3														44	44	49	39														
30/ 29	.2	3.9	2.8															64	64	55	39														
28/ 27	.3	3.6	1.4															49	49	64	32														
26/ 25	.2	3.0	1.6															50	50	53	42														
24/ 23	.3	4.9	1.4															61	61	61	50														
22/ 21	.5	5.0	.8															58	60	60	51														
20/ 19	.3	3.6	.1															37	38	53	55														
18/ 17	.3	3.3	.3															30	36	40	55														
16/ 15	.1	4.2	.4															44	44	41	45														
14/ 13	.3	3.5	.2															37	37	41	39														
12/ 11		4.7	.1															44	44	39	45														
10/ 9	.5	4.1																43	43	46	42														
8/ 7	.3	2.8																29	29	45	45														
6/ 5	.2	1.3																14	14	22	37														
4/ 3		1.8																17	17	12	36														
2/ 1	.1	1.2																12	13	17	28														
0/ -1	1.3	.3																17	17	21	26														
-2/ -3	.3	.8																10	10	9	16														
-4/ -5	.2																	2	2	5	31														
-6/ -7	.1	.2																3	3	1	14														
Element (X)	Z _x	Z _y	Z _z	Z _w	Nc. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) 0262

PSYCHROMETRIC SUMMARY

Page 2 0000-0700
HONG KONG

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-8/-9																				1	2	10													
-10/-11																				2		10													
-12/-13																						3													
-14/-15																				3		9													
-16/-17																						1													
-18/-19																						2													
-20/-21																						2													
Total	7.466	320.0	5.1	.3	.2	.2	.2												930		919														
																			919		919														

PSYCHROMETRIC SUMMARY

94822 GIP PITTSBURGH IAP/PITTSBURGH, PA 77-76
STATION STATION NAME

PAGE 1 2280-2500
H2085 11-5-71

PSYCHROMETRIC SUMMARY

10-75

YEARS

24
MONTHS

PAGE 2

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-10/-11	1																	1	4	1	5														
-12/-13																					7														
-14/-15																			3		7														
-16/-17																					3														
-18/-19																					1														
-20/-21																					1														
-22/-23																					1														
TOTAL	10,665.31	0.0	4.9	.9															918	918	918														

USAFETAC
FORM
XLS 44
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOUCESTER CLIMATE BRANCH
USAF-TAC
AIR - LATHER SERVICE - AF

PSYCHROMETRIC SUMMARY

94823 GED PITTSBURGH IAF/PITTSBURGH PA 0-7-

0-7-

JA

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb We Bulb Dew Point	
62/ 61																																	1	1	
60/ 59						.2																										2	2		
58/ 57						.1																										1	1		
56/ 55																																	4	6	
54/ 53						.2				.1	.1	.2																				11	11		
52/ 51						.1	.2			.1																						4	4		
50/ 49						.9	.1	.2																								11	11		
48/ 47						1.0		.2																								11	11		
46/ 45						.7		.2																								9	9		
44/ 43						.3	1.0	.3	.2																							21	21		
42/ 41						.9	1.0	.7	.1																							24	24		
40/ 39						1.5	1.0		.4																							27	27		
38/ 37						.2	1.8	1.0	.4																							32	32		
36/ 35						.1	2.5	1.5	.5																							43	43		
34/ 33						.3	1.7	1.0	.3	.1																						42	42		
32/ 31						.2	3.0	2.6	.4																							63	63		
30/ 29						.3	3.1	1.5	.1																							47	47		
28/ 27						.8	4.3	1.0																								62	62		
26/ 25						.3	5.4	.7																								59	59		
24/ 23						.4	3.1	.8	.1																							41	43		
22/ 21						.1	4.7	.4	.1																							49	50		
20/ 19						.2	3.5	.4																								38	38		
18/ 17						.9	4.3	.2																								50	50		
16/ 15						.2	4.0	.7																								45	45		
14/ 13						.3	5.6	.1																								56	56		
12/ 11						.2	3.8																									37	37		
10/ 9						.3	3.5																									35	35		
8/ 7						.4	1.3																									16	16		
6/ 5						.4	1.7																									20	20		
4/ 3						.3	1.5																									17	17		
2/ 1						.4	1.5																									18	18		
0/ -1						1.4	.2																									15	15		
-2/ -3						.1	.7																									7	7		
-4/ -5						.2	.1																									3	3		
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (DL AI) 0265 USAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

(-?)

YEARS

11

PAGE 2 0900-1100
MAY 15, 1964

USAFETAC FORM 0-26-5 (ULA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH, PA STATION NAME 10-7 YEARS JAN MONTH PAGE 2 1200-1400 HOURS (L. S. T.)

[illegible]

USAFETAC.
FORM
NR 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823	GTR PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

72-74

YEARS

155

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63					.2													2	2																
62/ 61				.1	.1													2	2																
60/ 59				.2			.2	.1										5	5																
58/ 57				.1	.1	.2	.1											5	5																
56/ 55	.2	.1		.1		.4	.1											9	9	6	3														
54/ 53			.1	.1	.1	.3	.2											8	8	3															
52/ 51		.3	.2	.5		.3	.2											18	18	3	2														
50/ 49		.4	.4	.5	.1	.2												16	16	7	2														
48/ 47	.4	.4	.2	.1	.5													14	14	15	12														
46/ 45		.5	.5	.6	.5	.2	.1											24	24	14	9														
44/ 43		.6	.6	.2	1.1	.4												28	28	21	5														
42/ 41		.9	.4	1.0	1.1													31	31	24	7														
40/ 39		1.7	2.2	.8	.4													47	47	26	12														
38/ 37	.2	1.9	1.1	1.5	.1													45	45	36	28														
36/ 35		1.4	1.2	1.5	.5													43	43	51	22														
34/ 33		2.6	1.9	1.2	.6													59	59	44	29														
32/ 31	.3	1.6	1.4	.1	.3													35	35	57	44														
30/ 29		3.1	1.5	.1														44	44	57	44														
28/ 27	.4	3.9	3.2	.2	.1													73	73	49	40														
26/ 25	.2	2.3	2.5	.2														48	49	67	51														
24/ 23	.3	3.3	4.2	.3														76	76	61	47														
22/ 21		2.4	3.9															58	58	52	52														
20/ 19		3.7	2.2															56	54	68	68														
18/ 17		1.6	2.0															34	34	65	23														
16/ 15		3.0	.9															36	36	48	45														
14/ 13		2.0	1.1															29	29	37	40														
12/ 11		2.0	.3															22	22	27	59														
10/ 9		1.7																16	16	26	62														
8/ 7		1.7																16	16	16	31														
6/ 5		1.4																13	13	19	43														
4/ 3		.6																6	6	12	40														
2/ 1		.1																1	1	4	24														
0/ -1	.2	.2																4	4	3	22														
-2/ -3	.2	.1																3	3	5	17														
Element (X)	Σ X'				Σ X				Σ				Σ				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

94822 GTR PITTSBURGH IAP/PITTSBURGH PA 70-79
STATION STATION NAME

YEARS

14
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

1.5

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
58/ 57				.1														1	1													
56/ 55			.1	.1	.1													3	3													
54/ 53			.2	.1	.2	.1	.1	.1										8	8	1												
52/ 51			.2	.2	.3	.2												13	13	7	4											
50/ 49			.1	.0	.2	1.0	.2	.1										21	21	1	2											
48/ 47	.1	.1		.5	.3	.1												11	11	16	2											
46/ 45	.1	.8	.3	.2	.2													15	15	7	11											
44/ 43		.6	1.1	.5	.3	.2	.1											27	27	16	8											
42/ 41		.5	.6	.6	.3													20	20	24	7											
40/ 39		1.2	2.2	1.1	.9													46	46	22	12											
38/ 37		2.0	1.6	.8	.3													44	44	31	16											
36/ 35	.2	2.0	1.1	.9	.1													40	40	47	20											
34/ 33	.1	2.4	3.2	.4	.2													59	59	51	25											
32/ 31	.4	1.7	2.7	.4	.2													51	51	58	53											
30/ 29	.2	2.0	1.6	.5														41	41	59	44											
28/ 27		4.3	2.0	.1														60	60	46	37											
26/ 25	.3	2.3	2.7	.2														51	51	61	41											
24/ 23	.1	3.1	2.5	.2														55	55	55	41											
22/ 21	.4	3.1	2.5	.2														59	59	55	63											
20/ 19	.1	4.2	1.9															58	58	54	58											
18/ 17		4.0	1.4															50	50	66	33											
16/ 15		3.3	1.1															41	41	59	34											
14/ 13		3.2	.8															37	37	36	47											
12/ 11	.1	2.5	.4															28	28	41	69											
10/ 9		2.9	.1															28	28	33	47											
8/ 7		1.1																19	10	24	40											
6/ 5		1.9																18	18	15	29											
4/ 3		1.6																15	15	16	41											
2/ 1	.1	.2																3	3	12	29											
0/ -1	.1																	1	1	1	33											
-2/ -3	.1	1.0																10	10	6	25											
-4/ -5		.1																1	1	5	16											
-6/ -7	.3																	3	3	3	11											
-8/ -9	.1																	1	1	1	11											
Element (X)	ΣX ²			ΣX			X	X ²	No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

Page 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-10/-11	.1																	1	1	1	1											
-12/-13																					7											
-14/-15																					4											
-16/-17																					7											
-18/-19																					2											
TOTAL	5.452	931.4	7.7	3.9	.6	.3													930	930	930											

PSYCHROMETRIC SUMMARY

YEARS

14
MONTH

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 102-101

PSYCHROMETRIC SUMMARY

10-74

YEARS

Jan.
MONTH

PAGE 2 2170-2-00
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-10/-11	.1																	1	2	1	8				
-12/-13																			2		6				
-14/-15																					2				
-16/-17																					2				
-18/-19																					4				
-20/-21																					1				
TOTAL	5.360	2.275	5.7	1.4	.1	.5													924	930	924				

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94823 STATION GTR PITTSBURGH IAP/PITTSBURGH PA 70-77 YEARS MONTH JA

PAGE 2 ALL HOURS (L. C. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
0/-1	1.0	.7																60	39	100	193				
-2/-3	.4	.9																62	69	65	172				
-4/-5	.1	.2																27	27	45	165				
-6/-7	.4	.0																15	10	14	104				
-8/-9	.1																	9	16	11	66				
-10/-11	.1																	4	16	4	52				
-12/-13																			2		42				
-14/-15																			9		41				
-16/-17																			3		19				
-18/-19																					19				
-20/-21																					6				
-22/-23																					1				
TOTAL	0.959	0.23	6.4	2.4	.0	.4	.0											7369	7440		7369				

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	38387139	524041	70.91	12.857	7389	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$		
Dry Bulb	5980138	186876	25.11	13.149	7440	24.7	524.2	.1					744
Wet Bulb	4972239	169809	23.01	12.034	7389	4.3	582.7						744
Dew Point	3460671	124285	16.81	13.618	7389	93.7	652.6						744

USAFETAC FORM 0-26-5 (OL A) REVISED NOVEMBER 1965 OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMARY

1-7-

YEARS

FED
MONTANA

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

3-7-4

YEARS

FILED

PAGE - 1000-1.00
MS103 (1-5-1)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

10-7.

YEARS

FLY
MONTH

PAGE 1 0600-0400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS _____ FEB _____
MONTH _____
PAGE 2 0622-0000
MOSES (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TGTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-10/-11																				2		13													
-12/-13																				1		7													
-14/-15																						3													
-16/-17																						4													
TOTAL	12.1	50.8	55.0	7.1	2.3	1.7	.8													807	846	807													

PSYCHROMETRIC SUMMARY

1-75

YEARS

FF
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
66/ 65									.1									1	1															
64/ 63									.1									1	1															
62/ 61									.1									1	1															
60/ 59			.1					.4										4	4															
58/ 57			.1		.1		.1											3	3															
56/ 55		.1	.2	.2			.2	.1										3	3	2														
54/ 53		.1	.7	.1	.1	.2												11	11	1	2													
52/ 51		.1	.2	.1	.1	.1												8	9	4	1													
50/ 49		.1	.9	.2	.4	.2												15	15	4	4													
48/ 47	.1	.2		.4	.4	.4												12	12	13	3													
46/ 45		.1		1.4	.5													16	16	10	1													
44/ 43		.2	.2	.4	.9	.4	.1											18	18	13	5													
42/ 41		.2	.9	.9	.4													19	19	9	7													
40/ 39	.4	.6	1.2	1.4	.4	.1												33	33	24	7													
38/ 37	1.0	1.0	1.0	1.2	.2													36	36	39	18													
36/ 35		1.0	2.7	1.0	.1													39	39	31	13													
34/ 33	.1	2.8	3.2	.9	.1													55	55	38	12													
32/ 31	.4	3.0	4.7	1.0	.1													74	74	67	25													
30/ 29	.1	2.0	3.7	1.4														58	58	66	39													
28/ 27		2.8	2.0	.4														42	42	59	46													
26/ 25		3.3	2.1															44	44	67	72													
24/ 23	.2	2.4	1.7															39	40	46	51													
22/ 21		3.5	1.7															42	43	42	52													
20/ 19	.2	2.8	1.2															35	38	42	55													
18/ 17	.4	3.2	.7															35	36	43	50													
16/ 15	.2	3.1	.4															30	31	31	42													
14/ 13	.2	4.3																37	42	34	43													
12/ 11	.1	2.5																21	23	43	45													
10/ 9		2.7																22	22	17	43													
8/ 7	.2	1.7																16	19	22	27													
6/ 5	.1	.9																8	12	16	33													
4/ 3		.7																6	12	3	35													
2/ 1		.9																																

PSYCHROMETRIC SUMMARY

YEARS

FF-5
MONTH

PAGE 2 6500-1100

[illegible]

PSYCHROMETRIC SUMMARY

04823 GTR PITTSBURGH IAP/PITTSBURGH PA

10-7

234

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (H. S. I.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67										.4								2	2																
66/ 65									.1									1	1																
64/ 63								.1	.1									2	2																
62/ 61							.1	.4										4	4																
60/ 59		.1				.2	.1	.6										9	9																
58/ 57		.1			.2	.1	.1	.1										6	6	1															
56/ 55		.2	.1	.2	.6	.2	.5	.1										17	17	1	2														
54/ 53		.2		.1	.2	.4	.5	.1										13	13	3	1														
52/ 51			.1		.4	.4	.6	.1										13	13	5	2														
50/ 49		.1	.1	.4	.2	1.2	.2											19	20	11	2														
48/ 47		.4	.7	.9	1.2	.6	.1	.1										33	34	13	1														
46/ 45			.2	.2	1.0	.4	.2											17	17	21	3														
44/ 43		.4	.4	1.0	1.4	.1												26	26	19	4														
42/ 41		1.1	.4	1.1	.6	.1												27	27	23	11														
40/ 39	.4	.7	1.1	.7	1.2													34	34	37	20														
38/ 37	.6	.9	1.5	1.6	.2	.2												41	42	41	19														
36/ 35	.1	.7	2.2	1.7	.9													46	46	37	22														
34/ 33		2.0	4.6	2.7	.7													61	61	46	17														
32/ 31	.1	1.9	4.5	2.0	.4													69	69	58	27														
30/ 29	.9	1.5	2.2	1.1														44	44	68	51														
28/ 27		1.0	2.5	.5														32	33	72	56														
26/ 25	.1	3.1	3.5	.1														55	57	40	63														
24/ 23		3.2	2.5	.1														47	51	61	48														
22/ 21		1.6	2.8															35	36	53	50														
20/ 19		1.1	2.5															29	30	62	46														
18/ 17		1.6	1.9															28	29	35	54														
16/ 15		1.6	1.1															22	25	33	39														
14/ 13		2.4	.7															25	27	26	51														
12/ 11		1.5																12	13	24	43														
10/ 9		.6																5	12	15	38														
8/ 7		.5																4	10	5	24														
6/ 5		.5																4	7	5	32														
4/ 3		.5																4	4	4	20														
2/ 1																			1	3	14														
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
0/-1	.1																	1	1	1	17		
-2/-3																					12		
-4/-5																					4		
-6/-7																					7		
-8/-9																					4		
-10/-11																					1		
-12/-13																					1		
TOTAL	2.1	29.0	35.6	14.0	9.2	4.1	2.0	1.4	.0	.2									808	845	808		
																		</					

PSYCHROMETRIC SUMMARY

77-7

YEARS

150
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67											.4							3	3																
66/ 65										.1								1	1																
64/ 63								.1	.4	.4								5	6																
62/ 61						.1	.2	.1	.1									5	5																
60/ 59						.5		.1	.2									7	7																
58/ 57					.4	.4	.2	.3										14	14																
56/ 55		.4	.1		.2	.4	.9											16	16																
54/ 53		.1			.4	.6	.2	.9										16	16	3	1														
52/ 51			.5		.1	.2	.1											8	11	4	2														
50/ 49		.1	.1	.6	.5	1.5												23	23	16	1														
48/ 47		.4	.7	.7	.9	1.1	.6	.2										38	38	21	2														
46/ 45		.1	.4	1.1	1.0	.4	.2											26	26	10	4														
44/ 43		.7	.5	.6	1.0		.2											25	25	33	4														
42/ 41		.2	.6	.6	.6													17	17	25	15														
40/ 39	.1	.9	1.4	.6	1.4	.4												38	38	42	17														
38/ 37	.5	1.0	1.5	2.2	.4	.2												47	47	41	16														
36/ 35	.2	1.0	2.5	2.0	1.0	.2												56	56	46	21														
34/ 33		2.7	4.0	3.2	.4													93	83	45	33														
32/ 31		2.3	2.2	1.7	.2													53	53	65	31														
30/ 29	.1	1.5	3.8	3.1	.1													70	70	76	46														
28/ 27	.2	1.4	2.8	.4	.1													40	40	63	62														
26/ 25		1.6	2.2	.4														34	35	67	53														
24/ 23		.4	4.0	.2														37	41	50	48														
22/ 21		1.7	3.2	.1														41	42	23	51														
20/ 19		1.2	1.4															21	24	52	48														
18/ 17		1.5	2.2															30	30	37	40														
16/ 15		.2	1.4															13	15	26	55														
14/ 13		1.6	.4															16	24	19	38														
12/ 11		1.4	.4															14	17	19	39														
10/ 9		.9																7	17	13	41														
8/ 7		.1																1	2	9	29														
6/ 5																				1	24														
4/ 3		.4																3	3	2	28														
2/ 1																				1	19														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

10-75

YEARS

FEB
MONTH

PAGE 2 1522-1750
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY STATION
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

94823 GIP PITTSBURGH IAP/PITTSBURGH, PA 1977 1977
 STAT ID STATION NAME YEARS MONTH

PAGE 1 1830-2200
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
64/ 63																																	1	1		
62/ 61																																	2	2		
60/ 59																																	2	2		
58/ 57																																	9	9		
56/ 55				.2	.6	.2	.1	.2	.2																								14	14		
54/ 53		.1																															7	7		
52/ 51		.1			.1	.4	.4	.2	.2																								12	12	3	
50/ 49	.2				.8	1.0	.4																										13	13	14	
48/ 47			.4			.9	.4	.4																										16	17	6
46/ 45		.2	.0	.7	.4	.3																												23	24	5
44/ 43		.5	1.0	.6	1.0	.2																												27	27	24
42/ 41		.4	.6	1.4	2.0	.5																												39	40	26
40/ 39		.6	1.5	.7	1.4	.4																												37	37	29
38/ 37	.2	1.1	1.6	1.5	.2																													38	38	35
36/ 35	.5	1.2	2.3	1.2	.2	.1																												46	46	51
34/ 33		2.6	3.6	1.7	.7																													72	72	48
32/ 31		3.2	3.3	1.5	.2																													67	67	72
30/ 29		2.3	3.0	3.0	.1																													63	68	75
28/ 27		1.9	3.5	1.4																														54	54	57
26/ 25	.1	1.7	2.6	.2																														48	38	57
24/ 23	.1	2.1	1.5	.6																														35	38	74
22/ 21		1.3	2.5																															32	33	41
20/ 19		1.2	3.0																															34	36	24
18/ 17		1.3	2.1																															29	32	40
16/ 15		1.5	1.4																															23	27	36
14/ 13		.9	.9																															14	17	26
12/ 11		1.5	.5																															16	18	16
10/ 9	.2	1.9																																16	21	19
8/ 7		1.5																																12	16	16
6/ 5		.5																																4	7	11
4/ 3		.4																																3	7	4
2/ 1																																				3
0/ -1																																				
-2/ -3																																				
Element (X)	$\Sigma X'$		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total																		
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

0877
 USAF/TAC FORM 0-26-5 (OL A) JUL 64
 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 10-79
STATION STATION NAME

CEY
MONTH

PAGE 2 1500-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-4/-5																					11	
-6/-7																					13	
-8/-9																					2	
-10/-11																					1	
TOTAL	1.430	4.76	2.15	9	9.3	4.1	1.2	1.0	.5										809	846	809	

PSYCHROMETRIC SUMMARY

948/2 AIR PITTSBURGH IAP/PITTSBURGH-PA 10-7

YEARS	MONTHS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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15	15
16	16
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19	19
20	20
21	21
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24	24
25	25
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27	27
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34	34
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36	36
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80	80
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82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

PAGE 2 2103-2000

[illegible]

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

948-2 GIP PITTSBURGH IAP/PITTSBURGH PA 1967-1968
STATION MONTH YEARS

PAGE 1 111
HOURS T. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	Partial														
68/ 67																																5	5				
66/ 65																																3	3				
64/ 63																																10	10				
62/ 61																																12	12				
60/ 59																																23	23				
58/ 57																																42	42				
56/ 55																																73	73				
54/ 53																																77	77				
52/ 51																																73	76				
50/ 49																																121	122				
48/ 47																																159	161				
46/ 45																																133	134				
44/ 43																																157	159				
42/ 41																																197	203				
40/ 39																																258	260				
38/ 37																																306	307				
36/ 35																																369	370				
34/ 33																																491	493				
32/ 31																																500	500				
30/ 29																																420	420				
28/ 27																																401	402				
26/ 25																																383	387				
24/ 23																																333	352				
22/ 21																																315	320				
20/ 19																																283	293				
18/ 17																																237	250				
16/ 15																																213	242				
14/ 13																																211	233				
12/ 11																																158	179				
10/ 9																																141	174				
8/ 7																																100	119				
6/ 5																																79	98				
4/ 3																																60	79				
2/ 1																																37	60				
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) 0879

PSYCHROMETRIC SUMMARY

20-71.

YEARS

24 APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1 AM
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

REPEATED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

1-7

YEARS

1 DAY
MONTH

PAGE 1 0300-0300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
58/ 67							.1											1	1																	
66/ 65						.1	.1											2	2																	
64/ 63					.1	.1	.3											5	5																	
62/ 61					.2	.3												5	5																	
60/ 59				.5	.1	.2												8	8																	
58/ 57	.3			.4	.4	.2												13	13																	
56/ 55	.2	.2	.5	.5	.6			.3										21	21	7	2															
54/ 53	.9	.4	.9	.9	.1													29	29	11	1															
52/ 51	.3	1.0	.4	1.2	.1	.1												29	29	22	9															
50/ 49	.5	1.3	.1	.5	.4													26	24	20	11															
48/ 47	1.8	.5	.2		.4													29	29	40	11															
46/ 45	.9	.3	.6	.2	.3													22	22	38	35															
44/ 43	2.6	1.8	.9	.4	.2													50	50	29	23															
42/ 41	1.7	1.0	1.4	.6	.1													46	46	37	35															
40/ 39	1.0	2.4	1.1	1.4	.3													57	57	36	32															
38/ 37	.6	1.6	2.2	1.8	.2													60	60	40	33															
36/ 35	.3	2.5	3.4	.3	.4													65	65	60	32															
34/ 33	.2	1.6	1.7	.9	.3													44	44	55	40															
32/ 31	.1	1.0	2.5	2.0	.2													54	54	58	43															
30/ 29	.2	3.4	3.4	1.0	.3													78	78	38	55															
28/ 27		4.0	2.3	.2														66	66	51	44															
26/ 25		4.3	2.2	.4														65	65	89	45															
24/ 23		2.2	1.2															31	31	67	45															
22/ 21		3.1	.6															35	35	42	64															
20/ 19		3.8	.6															41	41	36	74															
18/ 17		2.0	.1															20	20	43	40															
16/ 15		1.4																13	13	24	62															
14/ 13	.1	.6																7	7	13	45															
12/ 11	.1	.3																4	4	5	50															
10/ 9		.3																3	3	4	30															
8/ 7	.2																	2	2	4	20															
6/ 5		.1																1	1		11															
4/ 3																				1	13															
2/ 1																					2															
Element (X)	ΣX ²			ΣX			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

-3-7-

YEARS

14 APR
MONTN

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

0-74

YEARS

MONTH

PAGE 1

0500-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 10-70
STATION STATION NAME

4. MONTH

PAGE 2 5600-0000
HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

- 1 - 7 -

YEARS

1-25
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YFARS

4 Δ n
MONTH

PAGE 2 0950-1100
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

5-7.

YEARS

1.42
MONTH

PAGE 1 12:0-1400
HOURS (1-5-7-1)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
78/ 77								.1		.2								3	3														
76/ 75								.3										3	3														
74/ 73						.2	.2	.4	.3		.2							13	13														
72/ 71						.1	.2	.2		.1	.2	.1						7	9														
70/ 69						.3	.4	.2	.3	.2								16	16														
68/ 67					.1	.1	.2	.3	.1	.1								21	20														
66/ 65			.1		.4	.2	.6	.1		.3	.1							18	18														
64/ 63				.1	.1	.4	.6	.5	.1	.3	.1							26	26	7													
62/ 61		.2	.1	.3	.3	.2	.3	.3	.4									23	23	10													
60/ 59			.1	.3	.4	.2	.1	.4	.2									18	18	19	3												
58/ 57		.1	.6	.4	.1	.4	.3		.2									22	22	21	4												
56/ 55		.2	1.0	.2	.1	.8	.6	.6	.2									36	37	21	10												
54/ 53		.2	.4	.3	.3	.5	1.3	.4										33	34	36	12												
52/ 51		1.3	1.0	.2	.1	1.2	.9	.5										50	50	32	23												
50/ 49		.5	1.3	.5	.3	.4	1.0											42	42	29	36												
48/ 47	.1	1.2	.5	.4	1.1	.9	.8	.1										47	47	37	29												
46/ 45	.1	.3	.6	.9	.6	1.6	.4	.1										46	46	47	23												
44/ 43		.3	.8	.8	2.2	1.5	.2											27	57	31	25												
42/ 41		.3	1.2	1.2	1.4	1.3												52	52	59	21												
40/ 39		1.5	1.3	1.2	1.5	.6												58	58	33	17												
38/ 37		1.3	1.5	1.8	1.9	.1												60	60	61	42												
36/ 35		1.4	1.6	2.2	.6	.2												57	57	77	24												
34/ 33	.3	.6	1.7	1.5	.4													44	44	81	38												
32/ 31		.6	2.3	1.0	.3													39	39	53	37												
30/ 29		1.2	2.2	1.2														42	42	67	58												
28/ 27		1.7	2.2	.4														40	40	47	53												
26/ 25		.3	1.4	.2														18	18	49	55												
24/ 23		.3	1.5	.1														18	18	36	52												
22/ 21		.3	1.0	.2														14	14	21	60												
20/ 19		.4																4	4	11	63												
18/ 17																				12	49												
16/ 15																																	

PSYCHROMETRIC SUMMARY.

94823
STAT-2

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

12-74

YEARS

1.12
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

142

SECRET

9435 i 1500-1000
10:45 L. S. I.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/ 79										.2								2	2																
73/ 77									.1	.1	.2	.1						5	5																
76/ 75								.1	.3	.1	.1							6	6																
74/ 72							.2	.1	.5	.2			.1					13	13																
72/ 71							.3	.3		.1	.3							14	14																
70/ 69					.1	.0	.4	.6	.2	.0	.1							25	25																
68/ 67						.2	.6	.4		.1	.2							15	15																
66/ 65					.3	.1	.1		.2	.5	.2							14	14	1															
64/ 63				.2	.2	.1	.2	1.0	.1	.4	.1							22	22	2															
62/ 61			.3	.2	.3	.1	.6	.1	.1	.1								29	20	9															
60/ 59		.2	.3	.3		.8	.5		.2	.4								26	26	17															
58/ 57		.2	1.0	.2	.2	.3	.3	.1	.5	.3								34	34	34															
56/ 55		.1	.3	.6	.4	.6	.5	1.2	.2									38	38	29	9														
54/ 53		.3	.6	.2	.4	.3	1.3	.8										37	37	19	14														
52/ 51		1.1	1.1	.4	.5	.6	1.4	.5	.2									56	56	31	26														
50/ 49		.3	1.7	1.2	.9	1.1	1.3	.4										61	61	42	27														
48/ 47		.4	1.0	.4	.9	1.4	1.1	.4										52	52	45	24														
46/ 45		.2	.5	.4	.6	1.5	.5											37	37	44	32														
44/ 43			1.3	.4	2.4	2.2	.3											51	62	49	25														
42/ 41		1.0	1.2	1.0	1.9	1.4	.6											66	66	48	29														
40/ 39		.8	1.5	.5	1.3	.3												42	42	58	27														
38/ 37		.6	1.2	1.7	.9	.8												48	48	61	39														
36/ 35	.1	.5	.6	.9	1.3													33	33	85	45														
34/ 33	.3	.5	2.4	1.2	1.4													53	52	65	35														
32/ 31		1.1	1.6	1.5														39	39	59	36														
30/ 29		1.4	1.6	1.0														37	37	51	36														
28/ 27		.6	1.3	1.2														29	29	64	46														
26/ 25		.6	1.1	.1														17	17	38	74														
24/ 23		.4	.3	.3														14	14	27	60														
22/ 21		.1	1.1															11	11	26	66														
20/ 19		.1																1	1	5	62														
18/ 17																				12	47														
16/ 15																					45														
14/ 13																					31														
Element (X)	Σ x²				Σ x				Σ				Σ x				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMET[®],C SUMMARY

YEARS

DATE 6-15-68 15-6-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
12/ 11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-200
10-23-57

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
74/ 73								.1	.1		.1							3	3																
72/ 71							.1	.2	.1	.1								5	5																
70/ 69							.1	.1	.1	.1	.1							5	5																
68/ 67							.0	.4	.1	.2	.1							16	16																
66/ 65					.1	.9	.0	.1										16	16																
64/ 63				.1		.3	.2		.2	.3								11	11																
62/ 61			.1	.4	.2	.0	.1	.3	.3	.1								21	21																
60/ 59			.2	.5	.3	.5	.3		.3	.1								26	26																
58/ 57		.2	.3	.3	.4	.5	.6	.2	.4	.1								37	37	13															
56/ 55	.1	1.2	.4	.4	.0	.5	.2	.2	.2									43	43	27	1														
54/ 53		.3	.5	.6	.5	.6		.2										32	32	21	8														
52/ 51	1.2	.3	.3	.2	.5	.4	.5	.1										34	34	43	12														
50/ 49	.1	.3	.5	1.0	1.0	.6												37	37	.1	21														
48/ 47	.4	1.3	1.0	1.5	1.4	.3	.3											60	60	21	29														
46/ 45	1.2	1.3	1.2	.2	.8	.6												49	49	42	24														
44/ 43	.5	1.2	1.2	1.9	1.1													53	53	51	28														
42/ 41	.0	1.2	1.4	1.2	1.5													55	55	52	33														
40/ 39	.2	1.0	1.9	1.7	1.6	.6	.1											69	69	65	36														
38/ 37	.0	1.5	1.7	1.8	.4													58	58	57	30														
36/ 35	1.5	1.9	1.0	.9	.4													53	53	72	32														
34/ 33	1.3	3.0	1.4	1.2														61	61	75	45														
32/ 31	1.2	1.3	1.7	.5														44	44	59	53														
30/ 29	1.1	2.4	1.5	.1														47	47	68	48														
28/ 27	.5	1.6	.3															29	29	58	40														
26/ 25	1.3	.9	.4															24	24	40	79														
24/ 23	1.2	.9	.2															21	21	50	65														
22/ 21	.6	1.2																17	17	25	46														
20/ 19	.3	.4																9	9	16	63														
18/ 17	.3																	3	3	14	66														
16/ 15	.1																	1	1	5	49														
14/ 13																					1	35													
12/ 11																						35													
10/ 9																						36													
8/ 7																						21													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																Total													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 86 F	≤ 92 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

PAF 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REV 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1 AX
MONTH

PAGE 1 2100-2.00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

94823	GTR PITTSBURGH IAP/PITTSBURGH, PA
STATION	STATION NAME

50-7

YEARS

_____ PER MONTH

PAGE 2 2100-2500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

4. A.

DATE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

94822	GIR PITTSBURGH IAP/PITTSBURGH PA	70-72
STATION	STATION NAME	

YEARS	MONTH
-------	-------

PAGE 2

511

HOURS 11, 5, 7.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
12/ 11	.0	.2																		14	14	28	319												
10/ 9		.1																		11	9	12	61												
8/ 7	.1	.0																		5	5	9	20												
6/ 5	.0	.0																		2	2	2	80												
4/ 3																						1	40												
2/ 1																							27												
0/ -1																							20												
-2/ -3																							2												
TOTAL	1.1	27.1	27.0	16.2	11.7	7.5	4.5	2.3	1.1	.7	.3	.0								7437	7440		7437												

PSYCHROMETRIC SUMMARY

 YEARS APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

- 5 - 7 -

YEARS

APR
MONTH

DATE

2006-0,00
HOURS (1, 5, 10)

GLOBAL CLIMATOLOGY SERVICE
USAFETAC
AIR WEATHER SERVICE/NAF

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 3-7 300
STATION MONTH YEARS
PAGE 1 0300-0000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71									.2										2	2															
70/ 69								.1	.1	.1									1	1															
68/ 67					.1														1	1															
66/ 65			.1	.2		.3	.3												2	2															
64/ 63			.4	.9	.4	.2	.3												21	21															
62/ 61			.3	.7	.8	.7	.1												21	21	1														
60/ 59		.3	.7	.8	1.2	.5	.1												31	31	7														
58/ 57		1.0	.7	.9	.2	.3	.4												30	32	21	8													
56/ 55		.4	1.4	1.3	1.0	.3	.1												42	43	28	9													
54/ 53		.7	1.2	.8	.4	.2													28	29	31	23													
52/ 51		.9	.7	1.1	.3	.3	.2												32	32	52	10													
50/ 49		.7	1.3	.4	.9	.7													40	40	32	21													
48/ 47		1.3	1.7	.7	1.4	.7													52	52	36	44													
46/ 45	.2	.9	1.0	1.4	1.8	.3													36	36	45	42													
44/ 43	.1	2.0	1.6	2.0	2.1	.1													71	71	42	34													
42/ 41		2.1	2.6	1.8	.7	.2													66	66	47	36													
40/ 39		.7	2.2	1.1	.4														40	40	69	51													
38/ 37		1.1	2.3	2.5	.1														54	54	67	33													
36/ 35		1.2	2.9	1.3	.1														50	50	63	34													
34/ 33		2.2	4.1	1.7															72	72	56	44													
32/ 31		2.8	1.8	.7															47	47	74	57													
30/ 29	.2	1.7	2.0	.9															43	43	80	53													
28/ 27	.2	2.7	1.0	.1															41	41	43	60													
26/ 25		1.4	1.2																24	24	45	29													
24/ 23		.7	.4																10	10	29	64													
22/ 21		.4	.1																5	5	17	46													
20/ 19		.4																	4	4	7	36													
18/ 17		.2																	2	2	4	34													
16/ 15																					1	31													
14/ 13																						18													
12/ 11																						7													
10/ 9																						6													
8/ 5																						1													
Element (X)	ΣX ²	ΣX	̄X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 10-64

0890

PSYCHROMETRIC SUMMARY

YEARS

Page 2 3.00-04.00
HOURS 4-5-7

[illegible]

PSYCHROMETRIC SUMMARY

2023
MONTH

PAGE 4 3000-0000
NOV 25 1991

[illegible]

GLOBAL CLIMATELOGY SPANCO
 USAFETAC
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 10-77
 STATION STAT ON NAME YEARS

PAGE 2 0000-0000
 MONTH HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
TOTAL	1.025	9.925	7.721	1.3	6.8	5.2	1.7	.4											897		900		897														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4416584	61820	68.9	13.196	897	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	90
Dry Bulb	1786530	38848	43.2	11.345	900		15.7	.9				90
Wet Bulb	1443880	34868	38.9	9.938	897		26.9					90
Dew Point	1095359	29728	33.1	11.096	897		47.5					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YFARS

422

PAGE 1 0940-1100
NOV 5 1957

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

DATE: 09-0-1990

[illegible]

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

94623 GTR PITTSBURGH JAP/PITTSBURGH 2 10-7

APR
1967

PAGE 1 1200-1400
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
55/ 5																		.1	.1			.1										3	3			
54/ 63																					.1												2	2		
52/ 61																				.1	.5				.3								11	11		
50/ 79																		.3	.3	.7				.2		.1							19	19		
75/ 77									.2				.6	1.1	.4	.4	.1																26	26		
75/ 75								.1	.3	.3	.3	.2																					23	23		
74/ 73							.1	.7	.1	.4	.7	.4	.2	.2	.2																		28	28		
72/ 71						.2	.4	.2	.6	.4	.6	.4																					29	29		
70/ 69				.2	.5	.6	.2																.1	.2									28	28		
68/ 67				.2	.2	.4	.3	.4	.2	.6	.3																						29	29		
66/ 65			.3	.2	.4	.2	.1	.3	1.1	1.1	.3	.1																					39	39		
64/ 63		.1	.2	.2	.3	.4	.4	1.0	2.0	.3	.4																						54	54		
62/ 61		.2	.2	.3	.5	.3	.6	.8	.3	.3																							35	35		
60/ 59		.1	.6	.6	.9			1.7	1.4	.2	.3																						21	51		
58/ 57			.2			.8	1.7	1.8	.8	.1																							49	48		
56/ 55		.7	.1	.3	.2	.7	2.1	1.4	.9																								55	55		
54/ 53					.7	.7	1.4	.7	.2																								33	33		
52/ 51		.2	1.1	.1	.7	1.3	1.0	.4																									44	44		
50/ 49		.3	.5	1.0	.9	1.1	1.4	.2																									52	52		
48/ 47		.4	.7	.4	1.2	1.2	1.0																										50	50		
46/ 45	.1	1.1	1.8	1.0	.3	1.1	.9																										57	57		
44/ 43		1.3	1.4	1.8	1.1	.3	.2																										53	53		
42/ 41		.4	1.1	.8	1.0	.7	.1																										37	37		
40/ 39		.4	.4	1.0	.9	.3																											31	31		
38/ 37		.6	.6	.4	.3																												20	20		
36/ 35		.2	.3	.3	.3																												16	16		
34/ 33		.3	.3	.4																													10	10		
32/ 31			.4	.3																													7	7		
30/ 29		.4	.7	.2																													12	12		
28/ 27	.1																																1	1		
26/ 25																																		3	3	
24/ 23																																		1	1	
22/ 21																																			57	57
20/ 19																																			26	26
Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature							Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JAN 64

PSYCHROMETRIC SUMMARY

15-7.

YEARS

APR
MONTH

PAGE 4 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
18/ 17																							24										
16/ 15																							24										
14/ 13																							3										
12/ 11																							3										
10/ 9																							1										
TOTAL	1.1	6.9	11.7	11.0	10.7	11.7	14.9	11.4	9.4	7.7	4.0	1.3	0.7							900	900		900										

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS _____ APR _____
 MONTH _____
 PAGE 2 1500-1,00
 HOURS (L. S. T.) _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-	18	19-20	21-22	23-24	25	26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
20/ 19																							33		
18/ 17																							27		
16/ 15																							21		
14/ 13																							12		
12/ 11																							7		
TOTAL	.4	7.4	10.8	7.3	10.3	10.2	12.8	11.5	12.4	11.6	0.1	2.1	2.1	.1							900	900	900		
																					900	900			

USAFETAC
FORM
AN 44
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

94822	GT PITTSB'RGH IAP/PITTSB'RGH - 04
STATION	STATION NAME

10-7

YEARS

12
MONTH

Page 1

18.0-2.0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ADK
MONTH

PAGE 2 1010-200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
16/ 15																						23
14/ 13																						22
12/ 11																						19
10/ 9																						6
TOTAL	2	9	13	21	10	31	17	12	9	14	7	6	9	3	0	0	0	0	0	0	0	90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 2100-200
HOURS (L.S.T.)

[illegible]

USAFETAC
FORM
JUL 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94523 GIP PITTSBURGH IAP/PITTSBURGH PA
STATION CN STATION NAME

YEARS

195
MONTH

DATE

ALL
MAY 1951

[illegible]

PSYCHROMETRIC SUMMARY

94823 GTR PITTSB WGM IAP/PITTSB WGM PA
STATION STATION NAME

YEARS

MONTH

Page 2

ALL
NOTES 11-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 19			.1															9	9	22	22														
18/ 17			.0															7	3	11	40														
16/ 15			.0															1	1	1	70														
14/ 13																				1	112														
12/ 11																					77														
10/ 9																					44														
8/ 7																					3														
6/ 5																					1														
TOTAL		.014	.071	.110	.212	.710	.3	8.7	1.9	4.7	.7	1.0	.0	.4	.0				7200		7192														

PSYCHROMETRIC SUMMARY

949.2 GTP PITTSB. & CH JAP/PITTSB. J. PA
STATION STATE NAME

YEARS

— —

Page 1 0000-0700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73							.1											1	1																
72/ 71					.4	.3	.1											7	7																
70/ 69				.4	.3	.3	.1											14	14																
68/ 67			1.1	.9	.8	.5	.1	.1										39	39																
66/ 65			1.0	2.5	1.1	.9	.1	.3	.3									57	57	2															
64/ 63		1.0	2.3	1.3	2.2	.4												72	72	23															
62/ 61	.1	2.2	2.5	2.2	.9	1.0	.1	.1										93	93	51	16														
60/ 59		1.4	1.4	1.9	1.4	.8		.1										62	62	77	40														
58/ 57		1.8	2.5	1.7	1.7	.6	.5	.2										55	55	50	68														
56/ 55	.2	1.9	2.0	1.9	.8	.3	.3	.1										73	73	30	59														
54/ 53		1.8	2.2	2.0	.3	.5	.4											59	59	69	57														
52/ 51		1.9	1.4	1.5	1.5	.9												63	63	63	69														
50/ 49	.2	.8	3.4	2.6	.9	.2												75	75	78	74														
48/ 47		1.3	1.0	2.0	.3													51	51	52	51														
46/ 45		1.4	2.0	1.5	.4	.2	.1											53	53	77	56														
44/ 43		.3	1.2	1.1	.2													29	29	53	62														
42/ 41		.2	1.4	1.8	.3													35	35	59	68														
40/ 39		.3	1.1	.0	.3													24	24	40	39														
38/ 37		.2	1.0	1.0														20	20	29	53														
36/ 35		.8	.9	.3	.1													12	19	28	41														
34/ 33		.2	.2	.1														5	5	27	42														
32/ 31			.1	.2														3	3	17	42														
30/ 29																				5	37														
28/ 27																				9	14														
26/ 25																				1	25														
24/ 23																					7														
22/ 21																					6														
20/ 19																					5														
18/ 17																					4														
16/ 15																					3														
TOTAL	.517	.430	.876	.214	.9	7.0	1.8	1.0	.3										939	930	930	430													

PSYCHROMETRIC SUMMARY

94823 GTR PITTSB FGH IAP/PITTSBURGH Pa 11-7

51

PAGE 1 0300-0200
HOURS 11.5.7

942.2

GIL PATTIS, RICHARD IAP/PITTISBURY - 24

1549

10

Part 2 270-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
14/ 13																			92.3	92.3															
T. Ta.	7.1 4.4 1.2 2.7 1.5 5.1 5.9 1.7 4.1 1.3 1.1																																		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3523374	55186	59.510.167	92.3	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3693256	57950	62.3 9.411	92.3			31.8	14.0	2.4		93
Wet Bulb	2783512	50262	54.2 8.128	92.3			3.5				93
Dew Point	2157451	43709	47.110.328	92.3		9.0	.3				93

PSYCHROMETRIC SUMMARY

1-7,

YEARS

418

DATE: 12-1-90
HOURS (L, S, T):

[illegible]

PSYCHROMETRIC SUMMARY

94833 GIL PITTSONKCH 1AP/PILISB22- PA 0-7 AY
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1300
HOURS (L, S, T, I)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC FORM 44-111

PSYCHROMETRIC SUMMARY

94822	CIR PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

YEARS

DAY
MONTH

PAGE 1 1500-1700
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

948.3 GIF PITTS: '46m 144/PITTSBURGH - PA 10-7

YEARS

DAY
MONTH

Part of 1500-1000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
Temp	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	
Dew Point	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	
Rel. Hum.	2568775	45903	49.41	12.062	930							
Dry Bulb	4380810	63108	67.91	10.293	930			51.4	32.0	14.7		93
Wet Bulb	2974780	52104	56.0	7.737	930			7.7	0.2			93
Dew Point	2111046	43256	46.51	10.330	930		9.3	4				93

PSYCHROMETRIC SUMMARY

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONITOR

2200

NOV 5 1950

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE SERVICE
USAFETAC
AIR FATHER SERVICES, INC.

PSYCHROMETRIC SUMMARY

94822 GIE PITTSBURGH, PA 15106-0001 - PA 15106-0001

2-7

YEARS

MONTH

PAGE 1 0001-0000
HOURS 10.5.7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79																			1	1															
76/ 75					.4	.4													10	10															
74/ 73				.1	1.2	.6													18	18															
72/ 71				1.0	.7	1.2	.3												34	34	2														
70/ 69		.4	2.2	2.4	1.0	.7	.1												66	66	13	1													
68/ 67		.6	3.3	3.0	2.0	.7													108	108	13	10													
66/ 65		1.6	6.7	5.0	1.0	.3	.2												129	129	33	25													
64/ 63		2.1	3.4	2.5	1.2	.4													94	94	111	47													
62/ 61		1.2	3.0	3.3	1.3	.1													90	90	113	91													
60/ 59		.8	2.7	2.4	1.2	.1													64	65	24	24													
58/ 57		1.2	2.8	2.3	1.1														71	74	54	77													
56/ 55	.1	.9	3.1	1.8	.0														61	60	24	92													
54/ 53	.4	1.0	2.4	1.7	.1														48	49	52	88													
52/ 51		1.7	1.2	.9	.1														36	36	52	60													
50/ 49	.4	.9	1.3	.0															26	26	38	87													
48/ 47		.8	.4	.4															13	13	30	81													
46/ 45		.9	.3	.1															12	12	24	34													
44/ 43		.2																	2	2	13	27													
42/ 41		.1	.1																2	2	7	31													
40/ 39		.3	.1																4	4	1	18													
38/ 37		.1																	1	1	5	10													
36/ 35																					1	7													
34/ 33																						1													
32/ 31																						2													
TOTAL	1.0	14.7	27.2	79.9	13.2	3.0	.3												889	900	339	389													

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3179926	67286	75.7	9.911	889	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3466574	55512	51.7	6.883	900			23.7	2.9	.1		90
Wet Bulb	2948517	50877	57.2	5.442	889			9.6				90
Dew Point	2620551	47845	53.8	7.165	889		.2	1.1				90

USAFETAC FORM 0-26.5 (OL A)

FORM 0-26.5 (OL A)

GLOBAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

94822 GTR PITTSBURGH IAP/PITTSBURGH PA 0-7

YEARS

10 MONTH

Page 1 0300-0000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point																
76/ 75				.5																											4	4				
74/ 73			.1	.9	.1																											13	14			
72/ 71			.3	.8	.9	.1																											15	15		
70/ 69		.3	2.1	1.2	.3	.2																											42	42		
68/ 67		.3	3.5	3.0	1.2																												77	77	21	9
66/ 65	.2	2.1	6.9	2.7	1.1	.1	.1																									120	120	47	20	
64/ 63		2.6	3.4	2.6	.6	.1	.1																										87	89	53	53
62/ 61	.1	2.3	3.9	3.3	.2																												85	86	43	48
60/ 59		2.4	4.5	2.5	1.3																												93	93	97	102
58/ 57		1.5	4.3	2.3	.8																												73	73	75	84
56/ 55		2.1	4.1	1.4	.1																												64	71	47	78
54/ 53	.7	2.3	1.9	1.1	.1																												54	59	68	96
52/ 51	.1	2.4	3.4	.3																													55	58	75	86
50/ 49		1.9	1.7	1.0																													36	40	51	73
48/ 47		1.0	.9	.1																													15	15	49	76
46/ 45		1.1	.3	.2																													15	15	61	84
44/ 43		1.3	.7	.1																													16	16	64	80
42/ 41		.5	.2																														5	9	12	26
40/ 39		.3																															3	3	17	17
38/ 37		.1																															1	1	4	13
36/ 35		.1																															1	1	1	7
34/ 33		.1																															1	1	1	5
32/ 31																																			1	2
30/ 29																																			2	2
TOTAL		1.124	0.42	4.23	.9	7.1	.5	.2																									886	700	856	966

Element (X)	Z _x	Z _y	X	Y	No. Obs.	Mean No. of Hrs with Temperature				Total
Rel. Hum.	5565223	69863	78.9	7.126	886	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3240503	53699	59.7	7.116	900		14.6	1.8		90
Wet Bulb	2816034	49598	56.0	6.089	886	.1	2.7			90
Dew Point	2540237	47011	53.1	7.177	886	.4	.9			90

PSYCHROMETRIC SUMMARY

94523 GTT PATTSON 14X/PITTSBURG, PA 0-7
STATION STATION NAME

YEARS

1000

PAGE 1 1000-0-00
HOURS (L.S.T.)

[illegible]

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5221141	67383	76.11	15.127	665	$\pm 0^\circ F$	$\pm 32^\circ F$	$\pm 67^\circ F$	$\pm 73^\circ F$	$\pm 80^\circ F$	$\pm 93^\circ F$	Total
Dry Bulb	3517047	55693	62.1	7.146	900			25.3	2.3	.2		90
Wet Bulb	2985951	51073	57.7	5.604	885			6.9	1.4			90
Dew Point	2666580	48144	54.4	7.234	895			2.8				90

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A1

1000

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

94825 GTR PITTSB ROSE IAF/PITTSBURGH PA

C-7

YEARS

MONTH

PAGE 1 0500-1100
HOURS .. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-12	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89								.2										2	2																
88/ 87						.1		.1	.1	.3								4	6																
86/ 85							.1	.2	.3	.1								11	11																
84/ 83				.1			.3	1.0	.9	.3								24	23																
82/ 81							.3	.7	1.2	.1	.1	.1						24	25																
80/ 79			.1			.6	1.7	2.4	.5	.5	.2	.1						34	35	1															
78/ 77				.7	1.2	2.5	1.6	.5	.3	.1								63	64	1	1														
76/ 75			.3	1.2	1.6	2.7	2.3	1.2	.8									94	94	7	1														
74/ 73			.3	1.5	2.1	3.7	1.8	1.4	.3	.1								100	100	9	1														
72/ 71		.1	.3	1.7	2.6	1.2	1.3	.9	.3	.2								87	88	44	4														
70/ 69		.3	2.5	1.0	1.4	2.7	.7	.3	.3									84	35	71	17														
68/ 67		.3	2.5	1.2	1.7	1.6	.9	.3	.2									32	84	59	37														
66/ 65			1.6	.7	1.5	1.3	.6	.3										50	54	116	50														
64/ 63		.3	.5	2.4	1.5	1.5	.3	.1										58	60	1.7	74														
62/ 61		.2	1.0	2.5	1.3	.3	.1											54	58	59	50														
60/ 59		.1	1.1	.8	.6	.5	.2	.1										30	31	38	95														
58/ 57		.3	.7	.3	.1		.1											18	18	71	60														
56/ 55		.1	.2	.5			.2	.1										17	10	64	71														
54/ 53		.3	.3	.1	.1	.1												7	9	53	93														
52/ 51		.3				.5	.1											9	9	25	63														
50/ 49		.2	.1	.7														9	9	13	49														
48/ 47	.1	.1	.1															3	3	7	55														
46/ 45																				9	28														
44/ 43																				9	18														
42/ 41																				1	13														
40/ 39																					16														
38/ 37																					6														
36/ 35																					4														
34/ 33																					2														
32/ 31																					4														
TOTAL	.1	3.	12.	315.	817.	221.	515.	8	9.0	4.0	.9	.2							900		564														

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3544767	54787	52.01	3.001	86	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	4508144	63322	70.4	7.674	86			65.1	28.4	9.9		90
Wet Bulb	3424729	54732	61.5	5.401	86			23.4	1.7	.1		90
Dew Point	2849299	49725	56.3	7.694	86			.4	0.2	.3		90

USAFETAC FORM 026-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY FORM
USAF TAC
AIR LABOR SERVICE/AC

PSYCHROMETRIC SUMMARY

9452A GPO PITTS. - 12/12/1960

1-7

YEARS

MONTH

PAGE 1 12-1-60

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 95												.1						1		1																	
94/ 93											.1	.1						3		1																	
92/ 91							.2	.1		.3	.1	.1						7		8																	
90/ 89										.1	.2	.2	.2					7		2																	
88/ 87									.3	.7	.7	.2	.1					17		18																	
86/ 85							.1	.7	.8	1.9	.7	.2				.1		47		40																	
84/ 83							.3	1.1	2.8	2.3	.7	.2	.0	.1				70		70																	
82/ 81						.2	1.2	1.7	2.4	1.9	.2	.1	.3					91		21		2															
80/ 79					.3	1.2	1.3	2.7	2.7	1.8	.2	.0	.1					104		106		1															
78/ 77			.1	.2	.6	1.2	2.1	1.9	1.2	.4	.1	.1						80		40															2		
76/ 75				.2	1.7	1.3	2.0	2.0	1.2	.1	.1							84		84		9	1														
74/ 73			.3	.8	.7	.9	1.2	2.4	1.0	.2								75		74		23															
72/ 71		.1	.2	1.2	1.0	.9	2.0	1.2	.8	.5								75		79		73	5														
70/ 69		.1	.0	.8	.7	1.2	1.5	.0	.3									21		54		20	20														
68/ 67		.1	.0	.3	1.3	1.2	1.2	1.1	.3									57		58		1.9	37														
66/ 65			.0	.7	.5	1.2	.7	.1	.1	.1								35		36		1.2	42														
64/ 63		.1	.9	.8	.5	.2	.3	.1										26		26		1.0	95														
62/ 61		.2	.2	1.0		.1	.2		.2									19		18		26	65														
60/ 59			.2	.2	.1		.2											7		7		32	94														
58/ 57			.2	.1	.2	.1	.2	.2										12		10		67	71														
56/ 55			.2	.3														0		6		52	69														
54/ 53		.3	.3		.2	.2												12		10		19	73														
52/ 51		.2	.1	.2														9		5		16	66														
50/ 49		.1																1		1		11	67														
48/ 47	.2																	2		2		4	48														
46/ 45																						10	30														
44/ 43																						2	22														
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
32/ 31																																					
30/ 29																																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 12-1-60 0-26-5 (OL A) REVISED VERSION (EDITION) OF THIS FORM ARE OBSOLETE

AC

OTHER SERVICE/VA:

PSYCHROMETRIC SUMMARY

946,3
STATION

GIF PITTSBURGH IAP/PITTSBURGH PA

Q-7.

YEARS

MONTH

2500

1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Down Point		
TOTAL	.2	1.4	4.0	6.0	9.3	11.9	14.9	17.9	14.4	.0	1.4	1.6	.2								88'	90'	98'		

Element (%)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2667591	47123	53.2	13.719	888	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5132093	67585	75.2	7.951	900			77.9	56.3	29.3	.4	90
Wet Bulb	3609313	56339	61.4	6.273	888			31.6	4.1	.2		90
Down Point	2848624	49794	56.1	7.978	888		.9	7.3	.3			90

PSYCHROMETRIC SUMMARY

7-7.

YEARS

MONITOR

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
96/ 95											.1	.1						2	2																	
94/ 93										.2	.1	.1	.2					4	4																	
92/ 91									.2	.1	.2							7	7																	
90/ 89									.2	.7	.1	.2						11	11																	
88/ 87								.3	1.0	.8		.1						20	20																	
86/ 85						.1	.2	.7	2.1	.7	.3	.1	.1					45	45																	
84/ 83					.7	.7	.8	2.8	1.9	1.9	.2	.3	.3					87	80																	
82/ 81			.1	.7	.7	1.3	1.1	3.3	1.7	.4	.4							87	87																	
80/ 79		.2	.1	1.0	2.2	2.7	2.7	1.9	.3	.2								107	107																	
78/ 77		.3	1.5	1.8	1.2	1.1	1.2	1.2	.2	.1								80	30	1																
76/ 75		.8	1.1	.4	2.5	1.9	1.4	.1	.4									77	77	7																
74/ 73		.2	.7	.4	.9	1.3	2.0	1.2	.7	.4								76	79	1	1															
72/ 71		.2	1.1	.9	1.5	2.1	2.2	.8	.7	.1								86	89	60	4															
70/ 69		.8	.9	.9	.7	.4	1.1	.2										45	47	98	17															
68/ 67		.1	1.0	1.3	.6	.6	.3	.8	.2	.3	.1							48	49	97	37															
66/ 65			.4	.4	.4	.4	.2	.1	.1									20	20	111	50															
64/ 63		.3	.7	.9	.8	.3	.1											28	28	108	90															
62/ 61			.3	1.1	.3	.1	.3											20	20	108	77															
60/ 59	.1		.2	.7	.1	.1												11	11	93	78															
58/ 57		.1	.2	.2	.2	.3												10	10	56	65															
56/ 55		.3	.4	.2		.1	.4											14	14	51	105															
54/ 53		.1	.1	.3		.1	.1											7	7	27	81															
52/ 51			.1															1	1	18	62															
50/ 49	.1	.2																2	3	9	75															
48/ 47																				10	42															
46/ 45																				1	23															
44/ 43																				5	20															
42/ 41																					21															
40/ 39																					12															
38/ 37																					9															
36/ 35																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

5-7

YFARS

30
MONTH

PAGE 2 1510-1/00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

100
MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
94/ 93																		1	1																
92/ 91																		2	2																
90/ 89																		2	2																
88/ 87																		4	4																
86/ 85																		12	12																
84/ 83																		48	35																
82/ 81																		40	40																
80/ 79																		69	69																
78/ 77																		61	51																
76/ 75																		86	26																
74/ 73																		97	94	18															
72/ 71																		83	85	32	1														
70/ 69																		89	89	67	0														
68/ 67																		73	75	102	29														
66/ 65																		57	63	78	52														
64/ 63																		43	44	125	85														
62/ 61																		33	38	67	75														
60/ 59																		13	13	132	81														
58/ 57																		20	20	87	90														
56/ 55																		16	16	57	74														
54/ 53																		9	9	54	85														
52/ 51																		12	12	24	75														
50/ 49																		5	5	11	65														
48/ 47																		1	1	16	50														
46/ 45																		1	1	4	26														
44/ 43																				4	41														
42/ 41																				3	25														
40/ 39																					11														
38/ 37																					3														
36/ 35																					5														
34/ 33																					2														
32/ 31																					4														
30/ 29																					4														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								

PSYCHROMETRIC SUMMARY

4-7.

YEARS

10
MONTH

PAGE 2 1200-2.00
HOURS 11.5.1.

[illegible]

WORLD CLIMATE DATA
 0548 1AC
 AIR DATA SERVICE/AC

PSYCHROMETRIC SUMMARY

946.3 014 PITTSBURGH-1AP/111390 6-7 10
 STA. ON STATION NAME YEARS MONTH

DATE: 4100-2-00
 HOURS: 1, 5, 7, 9

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 63																																				1	1
82/ 61																																				1	2
80/ 79																																				3	3
78/ 77																																				10	10
76/ 75																																				47	40
74/ 73																																				68	58
72/ 71																																				74	70
70/ 69																																				100	100
68/ 67																																				107	107
66/ 65																																				110	117
64/ 63																																				65	30
62/ 61																																				79	23
60/ 59																																				52	54
58/ 57																																				41	42
56/ 55																																				45	45
54/ 53																																				18	14
52/ 51																																				11	11
50/ 49																																				13	13
48/ 47																																				4	4
46/ 45																																				7	7
44/ 43																																				1	1
42/ 41																																				1	1
40/ 39																																				1	1
38/ 37																																				1	1
36/ 35																																				4	4
34/ 33																																				4	4
32/ 31																																				1	1
TOTAL																																				891	891

Element (X)	Z _X	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4379502	61502	62.012.282		891	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	3887543	58831	55.4 2.826		900			41.7	12.4	.8		90
Wet Bulb	3148601	52683	59.1 6.141		891			7.8	.2			90
Dew Point	2704539	48659	54.8 7.282		891			.1	2.3			90

USAFETAC FORM 0-26-5 (OL A) JUL 64

0910

PSYCHROMETRIC SUMMARY

YEARS

$$\frac{12}{100} = 12\%$$

62-1-6 6 311
MOJES 1-5-1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
28/ 27																																			
8/ 7																																			
TOTAL	4	9	22	1	21	9	21	2	12	31	1	2	9	1	3	5	4	0	9	5	2		7105	7200	7105										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR-LEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

94823 GIK PITTSPORCH IAF/PITTSPORCH - PA 2-7- YEARS MONTH JUL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Wet Bulb	Dew Point															
80/ 79				.3		.1	.2											5	5															
76/ 77				.8	.3	.2												12	14															
76/ 75			1.3	1.0	1.3		.1											28	2d															
74/ 73			1.9	1.2	.3		.1											38	39	4														
72/ 71		.4	3.9	3.8	1.1	.7	.2											103	105	22	3													
70/ 69		2.4	5.7	1.9	2.4	.1												112	112	30	23													
68/ 67		3.3	7.7	2.0	1.5													142	146	117	55													
66/ 65		2.2	7.3	3.7	1.3													130	133	117	87													
64/ 63		2.4	4.4	4.8	.7	.1												113	113	149	122													
62/ 61		1.9	4.2	3.9	.4													90	91	129	113													
60/ 59	.1	.8	4.3	2.1														56	57	117	95													
58/ 57		.8	1.8	1.1	.2													34	34	76	90													
56/ 55		.5	2.8															29	32	80	91													
54/ 53		.3	.4	.2														9	10	38	76													
52/ 51																				31	53													
50/ 49			.1															1	1	5	42													
48/ 47		.1																1	1	10	18													
46/ 45																				2	6													
44/ 43																				3	3													
TOTAL		.114	.945	.827	.9	9.4	1.2	.7												930	14													

Element (X)	Z_X	Z_X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5673980	71602	78.2	3.42	914	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4075542	61370	56.0	5.25	914			44.8	8.5	.3		93
Wet Bulb	3512543	56471	61.8	5.07	914			13.9	.4			93
Dew Point	3213080	53938	59.0	5.75	914			6.3				93

GLOBAL CLIMATELOGY SPARC
USAF-TAC
AIR EARTH SERVICE/TAC

PSYCHROMETRIC SUMMARY

94023 619 PITTSBURGH IAP/PITTSBURGH PA

0-7

YEARS

1-1
MONTH

DATE 1 06-11-00
HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63					.7	.3	.1												1	1															
60/ 79						.1	.1												11	11															
78/ 77			.3	.4	.2	.2													11	11															
76/ 75			1.0	1.3	.4	.2	.1												29	29															
74/ 73		.1	2.1	2.2	.3	.2													45	45	14														
72/ 71		1.1	5.0	2.1	.3	.4													64	64	22	9													
70/ 69		2.1	6.0	1.7	1.5		.1												106	107	31	30													
68/ 67		3.4	7.1	3.2	2.1	.2													146	146	132	66													
66/ 65	.1	3.4	6.8	3.0	.7	.1													123	131	105	92													
64/ 63	.3	2.3	4.7	2.5	.3	.1													99	100	127	12													
62/ 61	.3	3.2	4.5	3.2	.3														105	105	138	93													
60/ 59		1.9	3.4	.2	.1														53	54	138	110													
58/ 57		1.5	2.1	.1															43	44	60	99													
56/ 55		1.0	2.0	.1															34	34	74	94													
54/ 53		.7	.3																13	14	57	74													
52/ 51		.9	.2																10	11	25	68													
50/ 49		.2																	7	2	11	35													
48/ 47		.1																	1	1	4	17													
46/ 45																					1	4													
44/ 43																						1													
42/ 41																						1													
TOTAL		.023	.046	.120	.7	7.2	1.7	.3												915	930	115													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	599~030	73650	80.5	3.316	915	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4045588	61110	65.7	5.629	915			43.4	9.7	.6		93
Wet Bulb	3538127	56691	62.0	5.303	915			20.2	1.4			93
Dew Point	3270648	54448	59.5	5.702	915			11.5				93

PSYCHROMETRIC SUMMARY

94F23 GU PITTSBORO IAP/PITTSBORO - TA
STAT 24 STAT ON NAME

YEARS

24-1. 440-1100
NAME S I

Temp IF	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOT	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89									.2	.1	.1							4	4																
88/ 87							.1	.2	.7									9	2																
86/ 85						.3	.3	.8		.3		.1						25	25																
84/ 83					.7	1.3	1.3	.5	.5	.1								41	43																
82/ 81			.3	1.1	2.3	1.5	1.2	.7	.1									66	60																
80/ 79			.3	1.3	2.5	1.5	1.3	.4										77	79																
78/ 77		.3	1.5	3.3	2.4	1.7	1.0	.3										95	96	2															
76/ 75	.1	.3	2.3	2.4	1.3	2.0	1.1	.2										100	101	24															
74/ 73	.2	1.4	3.8	2.0	3.2	1.4	1.2	.2	.2									131	131	56															
72/ 71	.5	2.7	2.5	2.4	3.0	1.1	.3	.2										117	120	67	31														
70/ 69	.5	2.3	1.9	2.0	1.4	.8	.2											87	85	133	59														
68/ 67	.7	2.2	1.5	2.1	.3	.2	.1											69	69	129	103														
66/ 65	.3	1.9	1.1	.9	.7	.1												45	54	129	109														
64/ 63	.7	.8	.5	.3	.2													23	23	139	111														
62/ 61		.4	.4	.3														11	11	52	102														
60/ 59	.2	.1	.2															5	5	77	97														
58/ 57		.4																7	7	39	80														
56/ 55	.2																	2	2	18	81														
54/ 53																				14	50														
52/ 51																					34														
50/ 49																					26														
48/ 47																					12														
46/ 45																					7														
44/ 43																					4														
TOTAL		3.9	13.4	10.8	20.1	20.8	12.7	8.0	3.0	.5	.1								915	930	915	15													

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Pol. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	4011929	59509	55.0	12.445	915			82.8	55.4	16.2		93
Wet Bulb	5129985	68834	74.0	6.071	930			43.7	8.3			93
Dew Point	3994202	60280	55.9	4.926	915			20.0	6.6			93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC FORM 100-42

PSYCHROMETRIC SUMMARY:

94823	GIP PITTSBURGH IAP/PITTSBURGH 7A
STATION	STATION NAME

7-7.

YEARS

1458

PAGE 1 1300-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2-7.

YEARS

20
MONTH

PAGE 1 2100-2.00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

948:2
STAY:2

GTR PITTS, REG IAP/PITTSBURGH, PA

Q-7.

14

STATION

STATION NAME

YEARS

MONTH

PAGE 1

AL

40495 (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point							
96/ 95										.0		.0	.0					4	4									
94/ 93										.1	.0	.0						12	10									
92/ 91									.0	.2	.0	.0						27	27									
90/ 89							.0	.3	.4	.1	.1	.0	.0					73	73									
88/ 87						.0	.2	.3	.3	.2	.0	.1						110	112									
86/ 85						.3	.6	.8	.9	.3	.2	.1	.0					207	209									
84/ 83					.2	.6	.8	.9	.9	.5	.3	.1						300	306									
82/ 81			.1	.5	1.1	1.2	1.0	.8	.3	.1	.0							373	382									
80/ 79			.5	.9	1.2	1.1	1.4	.8	.4	.1	.0							467	472									
78/ 77		.1	.9	1.4	1.1	.8	.7	1.3	.4	.0								496	500	13								
76/ 75	.0	.5	1.4	1.0	1.1	1.0	.4	.9	.1	.0								527	537	113								
74/ 73	.1	1.5	2.2	1.2	1.2	.8	.7	.2	.1									579	574	311	8							
72/ 71	.3	3.0	2.4	1.3	1.0	.7	.3	.1	.0									704	713	512	114							
70/ 69	1.2	3.7	1.7	1.3	.6	.9	.1											678	687	734	349							
68/ 67	1.3	3.8	2.0	1.3	.6	.2	.1											723	733	930	623							
66/ 65	.0	1.5	3.7	1.8	.8	.4	.0											618	651	1005	754							
64/ 63	.1	1.4	2.4	1.7	.4	.1	.0											454	457	999	526							
62/ 61	.1	1.2	2.0	1.7	.3	.0												381	383	809	771							
60/ 59	.0	.7	1.0	.6	.0													212	215	662	529							
58/ 57		.6	1.3	.3	.0													164	166	489	667							
56/ 55		.7	.9	.0														122	123	341	626							
54/ 53		.3	.4	.0														55	62	196	563							
52/ 51		.2	.1	.0														24	26	96	500							
50/ 49		.1	.0															8	8	34	341							
48/ 47		.1																4	4	15	163							
46/ 45		.0																1	1	5	51							
44/ 43		.0																1	1	2	23							
42/ 41																					10							
40/ 39																					1							
TOTAL		10.6	25.0	17.2	12.2	9.2	8.0	7.8	5.6	7.7	1.0	.5	.1					7319	7440		7319							

Element (X)	ΣX^1	ΣX	\bar{X}	
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PSYCHROMETRIC SUMMARY

9-7

YEARS

ALG
MONTH

PAGE 1

0000-0200
HOURS, L. S. T.

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

619

PSYCHROMETRIC SUMMARY

94823	GTR PITTSBURGH IAF/PITTSBURGH PA
STATION	STATION NAME

9-75

YEARS

ALL

MONTH

Page 1 0300-0500
HOURS (L. S. T.)

[illegible]

REPLACES PREVIOUS EDITIONS OF THIS FORM AND SUPPLEMENT

0-26-5 {OL A}

USAFETAC
FORM
NY 64

PSYCHROMETRIC SUMMARY

9-7

YEARS

260
MONTH

Page 1

1000-3,60
HOURS (L.S.T.)

[illegible]

2110500 28V WBOF CINT 40 ENGLISH ENCLABW Q35A388

USAFETAC FORM 0-26-5 (OLA) MAY 64

POEM

PSYCHROMETRIC SUMMARY

94822

GTR PITTSB IKGH IAP/PITTSBURGH PA

3-7.

Δύο

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY.

9482	STR PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

5-7.

YEARS

AUG.
MONTH

PAGE 1 1220-1400
HOURS (L. S. 1.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95														.1				1	1																
94/ 93											.2	.2						4	4																
92/ 91								.2	.1									3	3																
90/ 89							.3	.3	.3	.1								17	10																
88/ 87					.2	.3	1.0	.1	.2									17	17																
86/ 85					.3	1.3	1.5	1.5	.1	.2	.1							62	62																
84/ 83				.2	1.3	2.0	2.7	2.7	.7	.1	.1							97	90																
82/ 81		.3	.3	2.0	2.2	4.2	3.5	1.1	.1	.2	.3							136	139																
80/ 79				2.3	3.0	3.3	2.0	1.5	.8	.1								127	128																
78/ 77			.2	1.0	3.3	3.5	1.9	1.1	1.3	.3								124	125	3															
76/ 75			.4	1.3	2.2	1.5	1.7	1.3	1.2	.3								92	94	16															
74/ 73		.1	.8	2.1	.8	2.0	1.9	1.5	.4	.1								88	90	61	11														
72/ 71		.3	1.1	.3	.7	.8	.8	.8	.2									47	51	111	14														
70/ 69		.3	1.1	.3	.1	.4	.7	.3										35	37	173	20														
68/ 67		.3	1.2	1.0	.4	.2	.7	.3										38	39	163	96														
66/ 65		.4	.4	.4	.2	.3	.7											23	23	153	112														
64/ 63		.4	.3		.5	.1												13	15	112	120														
62/ 61		.2	.2	.1														5	5	59	100														
60/ 59																				57	102														
58/ 57																				19	75														
56/ 55																				22	64														
54/ 53																				5	53														
52/ 51																					39														
50/ 49																					34														
48/ 47																					16														
46/ 45																					17														
44/ 43																					9														
42/ 41																					1														
TOTAL	2.4	5.0	7.2	11.0	17.2	18.3	19.0	12.8	4.8	.9	.3	.1						915	930	915	915														

PSYCHROMETRIC SUMMARY

94823	GTR PITTSB PGH IAP/PITTSB
STATION	STATION NAME

2-7

YEARS

DATE

PAGE 1 1500-1700
HOURS H. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
96/ 95												.1	.4					5	3															
94/ 93												.2						1	1															
92/ 91								.1	.5									6	6															
90/ 89							.1	.4	.3	.4								12	12															
88/ 87							.2	.4	.9	.2		.3						19	19															
86/ 85						.9	1.4	1.7	1.9	1.0	.3	.2						79	70															
84/ 83					.1	1.3	2.5	2.4	3.7	.7	.4	.3						124	124															
82/ 81			.2	.3	2.1	2.8	4.3	2.8	.3	.3	.1	.2						142	142															
80/ 79					1.5	3.4	3.8	3.2	.9	.2								137	141															
78/ 77				1.0	2.0	3.4	1.5	2.0	.9	.5	.2							105	106	7														
76/ 75		.3	1.3	2.3	.9	2.4	2.9	1.2	.4	.2								107	108	21														
74/ 73			1.4	1.4	.1	.8	1.0	1.1	.3									56	56	53	4													
72/ 71		.1	1.0	.7		.8	.5	.9	.3									39	40	124	14													
70/ 69	.1	.1	1.2	.4	.2	.1	.4	.7										30	31	160	54													
68/ 67	.1		.5	.3	.3	.3	.4	.2										21	24	167	90													
66/ 65		.1	.8	.7	.3	.2	.2											21	22	124	98													
64/ 63		.7	.3	.1	.4													16	16	30	115													
62/ 61			.2	.2	.2													6	6	25	104													
60/ 59			.1															1	1	57	103													
58/ 57																				31	81													
56/ 55																				19	65													
54/ 53																				2	59													
52/ 51																					49													
50/ 49																					34													
48/ 47																					20													
46/ 45																					20													
44/ 43																					6													
42/ 41																					2													
TOTAL	.2	1.0	6.1	0.0	7.8	14.1	17.4	20.5	13.9	9.2	2.0	1.2	.7					918	930	918														

PSYCHROMETRIC SUMMARY

94824	GTP PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

Q-7c

YEARS

424

PAGE 4 2100-200
HOLDS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83					.1			.1										2	2																
82/ 81					.1													3	3																
80/ 79				.2	.1	.2		.1										4	8																
78/ 77			.3	.4	.3		.1											15	15																
76/ 75		.1	1.0	1.3	.9	.3												37	33																
74/ 73		.3	2.0	4.4	2.1	1.1	.1	.2										101	101	13	1														
72/ 71	.1	.5	5.7	5.6	3.6	.5	.3											150	150	20	11														
70/ 69		1.2	7.7	3.3	2.3	.9	.3											122	156	79	26														
68/ 67	.1	1.7	6.4	3.8	3.4	.9	.3											153	155	123	72														
66/ 65		1.2	5.0	3.4	2.1	.7												118	118	105	109														
64/ 63	.1	1.4	2.1	2.5	1.3	.5												73	73	149	112														
62/ 61		.7	.9	1.7	1.7													46	48	106	135														
60/ 59		.1	1.1	.7	.2	.1												20	21	96	113														
58/ 57			1.2	1.1	.3													24	25	63	86														
56/ 55			1.1	.3														13	13	40	55														
54/ 53			.2	.2														4	7	34	59														
52/ 51			.1															1	2	21	46														
50/ 49			.1															1	2	5	41														
48/ 47																				4	25														
46/ 45																					14														
44/ 43																					5														
42/ 41																					2														
TOTAL	.3	7.7	36.3	29.6	19.2	5.2	1.2	.4											915	930		15													
															</																				

PSYCHROMETRIC SUMMARY

4.00

223

ALL

[illegible]

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA
STATION STATION NAME

Q-76

YEARS

52-1
MONTH

PAGE 1 0300-0400
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
76/ 75			.1															1	1															
74/ 73			.2	.2														4	4															
72/ 71			1.2	.7														17	17	2														
70/ 69	.3	1.0	4.9		.1													54	54	8	9													
68/ 67		2.3	4.1	.1														59	59	11	6													
66/ 65	.1	3.1	5.2	.3														79	79	78	27													
64/ 63		3.7	3.0	.2														57	67	63	66													
62/ 61	.1	3.8	4.1	.1	.1													80	80	79	56													
60/ 59	.1	5.0	2.2	.2	.2													70	70	76	81													
58/ 57		3.7	3.2	.1	.2	.1												66	69	72	62													
56/ 55	.4	3.3	5.8	.7														92	92	67	71													
54/ 53	.3	2.6	4.2	.2														66	66	76	72													
52/ 51	.3	2.4	3.9	.1														65	65	60	56													
50/ 49	.2	3.1	2.3	.4														55	55	71	73													
48/ 47	.2	2.9	1.3	.2														42	42	60	70													
46/ 45	.1	1.8	1.6															31	31	42	61													
44/ 43	.1	1.1	1.4															24	24	37	48													
42/ 41		1.2	.9															16	16	30	22													
40/ 39		.4	.1															5	5	13	29													
38/ 37		.4																4	4	11	27													
36/ 35		.3																3	3	1	11													
34/ 33																				3	10													
32/ 31																					3													
TOTAL	2.9	42.2	449.8	4.3	.7	.1													900	900	900													

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

0600-0200
HOURS (L. S. F.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 9-7-

9-7-

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91									.2	.1										2		2		
90/ 89									.1	.7	.9									12		12		
88/ 87									.3	1.3	.1									16		16		
86/ 85						.2	.6	.1	.1	.4										23		23		
84/ 83					.2	.3	1.0	.9	.2		.1									29		29		
82/ 81					.4	1.9	2.0	1.0	.7	.4	.2									37		58		
80/ 79				.1	.7	1.3	2.0	.8	.9	.1										50		50		
78/ 77				.1	1.3	1.9	.9	1.1	.9											56		56		
76/ 75				.3	1.5	1.0	2.8	1.7	.1	.1										72		72	7	
74/ 73			.9	2.2	1.9	1.2	1.8	.9	1.2		.1									86		86	36	
72/ 71	.1		.3	1.3	.3	1.0	1.9	1.2	.7											74		74	68	
70/ 69		.2	1.0	1.2	1.0	2.0	1.5	1.1	.3											75		76	77	
68/ 67			1.3	.9	1.0	1.8	1.6	.7	.2											67		67	69	
66/ 65			1.3	1.2	.4	2.3	1.8	.6												72		72	70	
64/ 63		.2	.6	.3	1.1	.9	1.3	.9												42		43	90	
62/ 61	.1	.7	.2	.6	1.8	1.7	.7	.1												52		54	37	
60/ 59	.1	.9	.7	.7	.6	.3	.4	.3												36		36	74	
58/ 57		.4	.7	.4	.1	.4	.4													26		25	65	
56/ 55		.3	.7	1.0	.8	.3	.3													31		31	74	
54/ 53		.2	.4	.3		.3	.1													13		13	57	
52/ 51			.4																	4		4	58	
50/ 49																							19	
48/ 47																							22	
46/ 45																							7	
44/ 43																							5	
42/ 41																							31	
40/ 39																							12	
38/ 37																							12	
36/ 35																							8	
34/ 33																							8	
32/ 31																							5	
30/ 29																							3	
TOTAL	.3	2.9	8.3	11.7	13.9	19.7	21.1	12.7	7.5	1.5	.4									895		900	695	
Element (X)	Z _x ²	Z _x	X	X ²	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	3223574	52314	58.5	35.616	895	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	4612162	63970	71.1	3.524	900			62.1	60.4	16.3		90												
Wet Bulb	3439580	55112	61.8	7.156	895			25.8	4.3			90												
Dew Point	2792274	49360	55.2	8.851	895			8.0				90												

USAFETAC FORM 10-64 U-26-5 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

9-7

248

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823	GTR PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

9-7.5

YF A28

360
MONTH

PAGE 1 1000-2,000
HOURS 11.5-1.1

PSYCHROMETRIC SUMMARY

94822	GTP PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

2-71

SEE

PAGE 1 2100-2100
HOURS 11.5.11

PSYCHROMETRIC SUMMARY

5 E 4
MOMIN

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
92/ 91									.0	.0	.0							9	5									
90/ 89								.0	.1	.2								23	23									
88/ 87							.0	.1	.3	.1								30	30									
86/ 85						.0	.3	.4	.1	.0								57	57									
84/ 83					.1	.2	.4	.4	.1		.1							81	81									
82/ 81				.0	.1	.4	.7	.3	.2	.1	.1							136	137									
80/ 79				.1	.3	.5	.5	.3	.2	.1								160	160									
78/ 77			.1	.2	.4	.7	.4	.3	.1	.1	.0							209	209									
76/ 75		.0	.1	.6	1.2	.5	.7	.5	.1	.1								275	275	17								
74/ 73		.1	.4	1.4	.9	.7	.3	.3	.1	.0								353	353	25	1							
72/ 71	.0	.1	1.5	1.4	.7	.8	.7	.4	.2	.0								421	421	216	31							
70/ 69	.1	.5	2.8	1.2	.7	.7	.5	.4	.1									506	507	358	90							
68/ 67		1.2	3.3	1.1	.9	.6	.5	.3	.1									582	582	465	226							
66/ 65	.1	1.2	3.7	1.7	.7	.8	.4	.2	.0									634	635	572	558							
64/ 63	.0	2.2	2.4	1.3	.8	.4	.4	.2										551	553	622	573							
62/ 61	.1	2.2	2.3	1.5	1.1	.7	.2	.1										588	590	728	519							
60/ 59	.1	2.0	2.2	1.1	.6	.4	.2	.1										475	477	523	504							
58/ 57	.1	1.6	2.7	1.2	.3	.3	.1											471	471	595	223							
56/ 55	.1	1.3	2.8	1.1	.9	.1	.1											427	429	584	564							
54/ 53	.1	1.2	2.3	.8	.3	.2	.0											346	347	543	540							
52/ 51	.2	1.1	1.9	.4	.1	.1												267	267	524	480							
50/ 49	.1	1.1	1.1	.4	.1													195	195	327	284							
48/ 47	.0	1.0	.8	.2	.0													155	155	301	490							
46/ 45	.0	.5	.8	.1														100	100	201	282							
44/ 43	.3	.5	.3	.0														62	62	147	317							
42/ 41		.4	.2															43	43	111	214							
40/ 39	.0	.2	.1															19	19	44	182							
38/ 37		.1																7	7	29	145							
36/ 35		.1																9	9	8	67							
34/ 33		.0																1	1	7	48							
32/ 31																					41							
30/ 29																					9							
TOTAL	1.0	18.6	31.8	15.7	10.6	6.6	5.7	4.1	2.1	.6	.2							7188	7200	7188	7188							
Element (X)	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X							
Rel. Hum.	39251339	520253	72.4	14.901	7188	± 0 F	± 32 F	± 67 F	± 73 F	± 83 F	± 93 F	Total																
Dry Bulb	30080489	460253	63.9	9.570	7200			284.0	133.0	41.3		720																
Wet Bulb	24857191	418913	58.3	7.852	7188			.1	115.3	11.2		720																
Dew Point	21681990	389928	54.2	8.584	7188			5.0	34.9	.1		720																

PSYCHROMETRIC SUMMARY

YEARS

MONITOR

PAGE 1 0000-2200
HOURS (H. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point							
72/ 71						.1												1	1									
68/ 67				.1	.1													2	2									
66/ 65		.2	.1															5	5									
64/ 63		1.7	.1	.1	.4	.2												24	24	7	1							
62/ 61		1.3	1.3	.2	.4	.3												35	35	21	15							
60/ 59		2.3	2.2	1.0	.4		.1											55	55	16	20							
58/ 57	.1	2.3	2.3	.9	.4	.3												67	60	41	15							
56/ 55	.1	2.8	2.7	1.0	.7	.1												63	62	50	34							
54/ 53	.4	2.3	1.0	1.0	.3													67	63	70	56							
52/ 51	.4	2.2	2.2	1.2	.4	.2												61	62	61	40							
50/ 49	.2	2.6	2.0	1.2	.3	.3												65	65	57	60							
48/ 47	.9	3.6	2.3	2.1	.4	.1												88	88	78	69							
46/ 45	.1	3.7	3.1	1.3	.3													79	82	77	56							
44/ 43	.1	1.8	2.5	1.0														54	59	73	54							
42/ 41	.1	2.0	2.2	1.0	.7													67	60	72	57							
40/ 39	.2	3.6	2.4	.7														63	63	77	63							
38/ 37		1.5	1.5	.2														37	30	61	75							
36/ 35	.7	1.4	1.3	.3														36	36	52	44							
34/ 33	.1	1.6	.9	.3														27	27	35	65							
32/ 31	.1	.9	.4															17	17	29	58							
30/ 29		.7	.4															10	10	25	34							
28/ 27		.2	.3															7	7	10	30							
26/ 25		.4	.2															6	6	8	17							
24/ 23		.3																3	3	9	17							
22/ 21		.1																1	1	3	7							
20/ 19																					16							
18/ 17																					13							
14/ 13																					3							
TOTAL	3.640	6.33	2.15	0	5.9	1.6	.1												921	930	921							

AIR LEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

6-7

'LEARS

151

MONTIN

PAGE 1 16 5-10-60

42182

PSYCHROMETRIC SUMMARY

Q-7.

YEARS

131
MONTH

PAGE 2 1200-1400
HOURS (L. C. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

Q. 2.

YEARS

245

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAF/PITTSBURGH PA 10-7

YEARS

1000

PAGE 2 1500-1700
HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
16/ 15																																				
14/ 13																																				
TOTAL	.6	8.6	9.1	11.5	15.9	21.7	15.2	9.4	4.2	7.8	.0	.3							921	930	921															

PSYCHROMETRIC SUMMARY

9-7

TEARS

30

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

94623	GTR PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

9-75

YEARS

✓

PAGE 4 100-2000
HOURS 11.5.71

PSYCHROMETRIC SUMMARY

2-7.

ACI
MONTH

PAGE 1 2160-200
HOURS 11.5.7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point											
72/ 71						.3												3	3													
70/ 69			.1															1	1													
68/ 67			1.1	.2														12	12													
66/ 65		.2	1.2	.7	.4	.3	.1											27	27	7												
64/ 63	.1	1.2	.4	.2	.5	.3												29	29	18	9											
62/ 61	.3	.9	2.0	.9	1.0	.7	.2											32	52	25	21											
60/ 59	.1	1.7	3.0	1.6	.7	.2	.1											69	69	24	13											
58/ 57		.9	3.0	1.4	.4	.7	.1											60	60	38	26											
56/ 55		1.2	2.2	1.5	1.4	.4												64	67	51	44											
54/ 53	.3	1.4	1.2	1.7	1.4	.7												62	62	61	42											
52/ 51	.4	2.3	3.1	2.1	.5	1.0	.1											68	88	63	46											
50/ 49		2.0	2.1	2.0	.4	.1												63	63	56	39											
48/ 47	.3	3.0	2.2	2.6	1.0	.1	.1											66	89	102	60											
46/ 45		1.4	2.0	2.0	.5	.1												59	62	73	36											
44/ 43		2.1	2.4	.4	.4	.1												50	50	64	52											
42/ 41		1.9	1.4	1.3	.2	.1												47	47	79	72											
40/ 39		1.8	1.8	.3	.8													44	44	62	70											
38/ 37		1.4	1.5	.7	.2													36	36	31	67											
36/ 35	.2	1.0	1.4	.5														29	29	45	49											
34/ 33	.1	.3	.5	.3														14	14	32	52											
32/ 31		.1	.7															7	7	28	42											
30/ 29			1.4	.1														14	14	13	43											
28/ 27		.2	.2															4	4	7	27											
26/ 25		.1																1	1	14	6											
24/ 23																				2	15											
22/ 21																					18											
20/ 19																					16											
18/ 17																					10											
16/ 15																					3											
14/ 13																					3											
TOTAL	1.125	5.35	7.20	7.10	.4	5.1	.8											921	930	921												

PSYCHROMETRIC SUMMARY

94823 GTF PITTSBURGH IAP/PITTSBURGH PA 9-70
STATION STATION NAME

YEARS

CT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

94823 GTR PITTSBURGH IAP/PITTSBURGH - PA
STATION STATION NAME

6-78

YEARS

10
MONTH

0254

HOUS. 11. 5.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
16/ 15																						20														
14/ 13																						15														
12/ 11																						1														
TOTAL	2.826	3.274	3.310	6.11	9	6.9	4.9	2.5	1.2	.6	.1	.1							7440			7.59														
																			7359			7359														

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94023 GTR PITTSBURGH IAP/PITTSBURGH PA 4-7

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-1200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
70/ 69					.2																												2		2	
68/ 67					.1																												1		1	
66/ 65				.3																													3		3	
64/ 63		.4	.7		.1																												11	11	2	
62/ 61		.9	.2	.0																													15	15	7	
60/ 59		.6	.0		.1	.1	.3																										17	17	14	11
58/ 57		.9	.1		.7	.1		.1																									17	17	11	14
56/ 55		1.2	.3	.3	1.0	.1	.1		.1																								30	30	17	12
54/ 53		1.9	.9	.4	.1	.1																											32	32	13	15
52/ 51	.1	1.7	1.4	.6	.1																												33	33	27	20
50/ 49	.1	1.7	1.0	.8		.2																											34	34	44	23
48/ 47	.1	2.1	1.0	.9	.4	.4																											45	45	27	25
46/ 45	.1	2.0	1.3	.0	.2	.1																											41	41	39	20
44/ 43		3.1	2.3	.9	.1	.1																											60	60	49	38
42/ 41	.1	1.8	2.5	1.7	.1																												55	55	50	51
40/ 39	.7	3.0	3.0	1.3	.3	.1																											76	76	62	36
38/ 37	.1	1.7	1.8	1.2	.4																												47	47	55	50
35/ 35	.1	3.3	2.2	.3																													55	55	62	44
34/ 33	1.1	3.0	2.7	.3																													64	64	63	43
32/ 31		2.1	3.1	.4																													51	51	68	50
30/ 29	.3	3.1	3.0																														58	58	55	58
28/ 27	.1	4.0	.8																														49	49	77	58
26/ 25	.1	3.2	1.1																														40	42	46	68
24/ 23	.2	2.1	.7																														27	28	45	41
22/ 21		.8	.1																														8	8	25	62
20/ 19	.1	1.1																															11	11	3	47
18/ 17		.2																															2	2	10	33
16/ 15		.4																															4	4	2	27
14/ 13	.3	.3																															6	6	6	16
12/ 11																																			3	14
10/ 9																																				5
8/ 7																																				3
6/ 5																																				2
4/ 3		.2																																2	2	1
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 10-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

c-73

YEARS

1944
MONTH

PAGE 2 0000-6,00
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
2/ 1																				1	1	2													
-4/ -5																																			
-5/ -7																																			
Total	4,947.33	1,110.3	4.3	1.4	.7	.1														897	900	0.7													

PSYCHROMETRIC SUMMARY

9-72

PAGE 1 300-0200
HOURS: 11:55 A.M.

[illegible]

USAFETYAC FORM 0.26-5 (OLA)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND GLOSSARY

PSYCHROMETRIC SUMMARY

5-7

YEARS

2004
MONTH

Page 2 0300-0-00
HOURS 1-5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

94822 GIP PITTSBURGH IAP/PITTSBURGH PA 19-7

YEARS

MONTE

PAGE 1 100-0-00
NOV 1 1967

[illegible]

PSYCHROMETRIC SUMMARY

948.3 GTP PITTSBURGH IAP/PILLSBURY PA
STATION STATION NAME

Y1A85

MONTH

PAGE 1 9900-1-00
HOURS 1. 5. 7.

[illegible]

PSYCHROMETRIC SUMMARY

04823 GFF PITTSBURGH IAP/PITTSBURGH PA
STATION STATION NAME

5-2

YEARS

11.

Page 2 0902-1160
H211115 (11-5-71)

PSYCHROMETRIC SUMMARY

94827	GTR PITTSBURGH IAP/PITTSBURGH - PA	9-7
STATION	STATION NAME	

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L-S-T)

PSYCHROMETRIC SUMMARY

948,3 GIF PITTSBURGH IAP/PITTSBURGH PA 7-7
STATION STATION NAME

YEARS

PLV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
8/ 7																																	
4/ 3																																	
2/ 1																																	
0/ -1																																	
TOTAL	1.321	3.25	9.16	0.014	7.11	0.5.9	2.2	.1	.6	.1									500	900	900												

PSYCHROMETRIC SUMMARY

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTE

PAGE 2 1500-1-90
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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USAFETAC FORM 0.26-5 (OIA)

USAFETAC FORM 0-26-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94823 GTW PITTSBURGH JAP/PITTSBURGH PA 0-76
STATION STATION NAME YEARS MONTH

PAGE 1 1800-200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67				.3	.2													8	8																
66/ 65			.3	.6	.2	.1	.1	.1										15	15																
64/ 63		.1	.3	.1	.1	.2	.4											16	16	1															
62/ 61		.3	.9	.3	.4	.7												24	24	14															
60/ 59		.4	.3	.1	.8	.3												22	22	15	11														
58/ 57		.3	1.3	1.0	1.3	.3	.2	.3										41	41	18	10														
56/ 55		1.1	.1	.4	.6	.4	.3	.1										30	30	15	21														
54/ 53	.2	.6	.3	.4	1.1	1.0	.2											40	40	27	23														
52/ 51	.1	1.2	1.2	.3	.7	.6												39	39	42	7														
50/ 49		1.0	.7	.9	1.0	.7	.1											39	39	37	23														
48/ 47	.3	.4	1.0	1.4	.5	1.2		.1										46	46	36	23														
46/ 45	.1	2.6	1.2	1.0	.3	.7												48	48	39	36														
44/ 43	.1	2.7	2.6	.8	.6	.4	.1											65	65	55	39														
42/ 41	.1	1.2	3.3	1.0	.7	.2	.1											57	57	63	30														
40/ 39	.3	1.4	1.3	1.7	.3													55	55	70	51														
38/ 37		1.9	1.6	2.7	.2													57	59	60	59														
36/ 35		2.2	2.3	1.9	.3													61	61	51	40														
34/ 33		1.9	4.1	1.9	.4													75	75	64	73														
32/ 31		2.4	3.7	1.1														65	66	72	43														
30/ 29		1.7	1.6	.1														30	30	63	36														
28/ 27	.1	1.2	1.1															22	22	57	43														
26/ 25		.4	.7															10	10	28	88														
24/ 23		.7	.8															13	13	16	41														
22/ 21		.1	.2															3	3	14	73														
20/ 19		.4	.1															5	5	4	46														
18/ 17		.1																1	1	7	18														
16/ 15		.3	.3															6	6	1	12														
14/ 13		.1																1	1	4	19														
12/ 11			.1															1	1	2	21														
10/ 9		.2																2	2	1	2														
8/ 7																				2	2														
4/ 3																					3														
2/ 1																					2														
-2/ -3																					2														
Element (X)	ΣX ²			ΣX			X			ΣX			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 10-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823 GIR PITTSBURGH IAP/PITTSBURGH PA
STATION STATION NAME

207

YEARS

434
MICH

PAGE 2 1000-2100

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PSYCHROMETRIC SUMMARY

94625 GHI PITTS, RCH IAP/PITTSBURG - PA
STATION STATION NAME

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YEARS

MONTH

PAGE 2 2100-2500
12/83 11.5

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94622 GIB PITTSBURGH 147/PITTSBURGH, PA

9-70

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS - 1, 5, 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 75								.0																							3	3			
74/ 73					.0	.0	.1	.0	.0					.0	.0	.0															11	11			
72/ 71				.0	.1	.2	.0	.0	.0	.0	.0																				28	28			
70/ 69				.1	.2	.1	.1			.0	.0																				34	34			
68/ 67			.0	.2	.2	.1	.1	.1	.0	.0																					55	55	1		
66/ 65		.0	.3	.2	.2	.1	.3	.1																							87	87	6		
64/ 63		.2	.5	.1	.1	.4	.3	.0																							117	117	37	2	
62/ 61		.5	.4	.2	.2	.4	.1	.2	.0																						149	149	21	13	
60/ 59		.3	.4	.2	.3	.5	.2	.1																							182	182	116	54	
58/ 57		.7	.4	.4	.7	.6	.4	.1																							245	246	130	30	
56/ 55	.0	1.2	.6	.4	.4	.3	.2	.1	.0																						264	264	132	33	
54/ 53	.0	1.0	.0	.5	.5	.5	.2	.0	.0																						248	248	211	134	
52/ 51	.1	1.5	.4	.5	.3	.5	.1	.0																							291	291	240	130	
50/ 49	.2	1.3	.3	1.1	.3	.4	.1	.1																							322	322	320	60	
48/ 47	.2	1.2	1.1	.9	.3	.0	.0	.0																							319	319	340	225	
46/ 45	.2	1.8	1.4	.9	.0	.3																									369	368	348	215	
44/ 43	.1	2.2	1.7	.7	.3	.3	.0																								388	388	405	48	
42/ 41	.2	2.1	2.4	1.3	.7	.1	.0																								507	507	428	241	
40/ 39	.5	2.0	2.1	1.3	.6	.1																									474	474	473	409	
38/ 37	.2	2.2	1.9	1.3	.3																										441	441	427	437	
36/ 35	.3	2.7	2.5	1.0	.2																										477	477	434	343	
34/ 33	.4	2.9	3.4	.8	.1																										542	542	510	455	
32/ 31	.3	2.5	2.7	.4																											429	431	513	395	
30/ 29	.3	2.5	1.9	.2																											351	353	550	446	
28/ 27	.1	2.6	1.1	.1																											284	284	415	478	
26/ 25	.1	1.9	.8	.0																											204	208	296	496	
24/ 23	.1	1.2	.5																												126	131	238	403	
22/ 21	.0	.8	.1																												67	67	142	460	
20/ 19	.1	.7	.0																												60	60	73	340	
18/ 17	.0	.4	.2																												44	44	59	201	
16/ 15		.2	.1																												21	21	29	161	
14/ 13	.2	.2	.0																												28	28	40	129	
12/ 11	.1	.0	.0																												9	9	22	121	
10/ 9	.1																														5	5	2	40	
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) 10-64

PSYCHROMETRIC SUMMARY

94825 GIP PITTSB WCH JAF/PITTSB PA
STATION NAME

822

YEARS

MSMT

30

24

NO. 105 100 30 20

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
8/ 7			.0															1	1	5	2														
6/ 5			.2															3	3	3	3														
4/ 3			.0															2	2	2	2														
2/ 1			.1															5	6	4	3														
0/ -1																		1	1	4	0														
-2/ -3																					2														
-4/ -5																					0														
-6/ -7																					7														
-8/ -9																					1														
TOTAL		2.0	37.3	28.9	13.7	7.6	5.3	2.1	.9	.1	.1	.1	.1						7200		7.6														
																		7186		7186															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	36536259	514724	71.6	15.224	7186	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	
Dry Bulb	13453589	299463	41.6	11.778	7203	.1	165.4	13.2	1.4			720
Wet Bulb	11090016	271642	37.8	10.534	7186	.4	250.2	.1				720
Dew Point	8605725	233077	32.5	11.838	7186	2.5	375.8					720

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

REVISED MINIONS

USAFETAC FROM 0.2A.5 (OL A)

WOMAN

USAFETAC

PSYCHROMETRIC SUMMARY

2-3

YEARS

220

Page 1 2953-6260
HC-83

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PSYCHROMETRIC SUMMARY

94322 GIC PITTSBURGH IAP/PITTSBURGH - PA
SAC: NEW YORK

2-2

534

PAGE 2 0000-0.00
0000-1.1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
-4/-5																																				2	5		
-5/-7																																					3	4	
-9/-9																																					4	1	
-10/-11																																					1	1	
-14/-15																																					2	2	
-16/-17																																					2	2	
LTAT	2.354	3.333	5	7.8	1.8																														9.24	9.24	9.24		

Element (X)	Σx^2	Σx	\bar{x}	s^2	Nc. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4943179	66903	72.311	0.82	924	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	999698	28732	30.413	9.82	931		5	52.2				93
Wet Bulb	842929	26221	28.310	4.28	926		5	54.1				93
Dew Point	615181	21099	22.812	0.56	925		2.3	76.0				93

PSYCHROMETRIC SUMMARY

9-7

YEAR3

MONTH

PAGE 1 2300-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								Σ TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
62/ 61				.1														1	1									
60/ 59			.1		.1													4	4									
58/ 57		.1		.3														7	9	1								
56/ 55		.3	.1	.1														7	7	4								
54/ 53		.3	.3		.1													9	9	7								
52/ 51		.5	.5	.1	.1	.3												16	16	11								
50/ 49		.5	1.0	.2	.2													13	18	12								
48/ 47		.2	.4	.3	.1													10	10	17								
46/ 45		.4	.3	.2	.2													18	19	11								
44/ 43		1.2	.1	.1														13	13	19								
42/ 41	.3	1.0	.6	.8	.2													27	27	25								
40/ 39		3.2	1.0	.2	.1													42	42	24								
38/ 37		2.2	1.9	.4	.2													43	43	30								
36/ 35	.2	5.0	3.2	.3	.1													82	52	40								
34/ 33	.4	4.4	4.2	.5														89	89	83								
32/ 31	.2	2.4	3.5	1.1														69	70	39								
30/ 29	.1	2.9	5.9															83	84	59								
28/ 27		3.7	2.3															59	55	80								
26/ 25		4.1	1.3	.1														31	52	61								
24/ 23		3.6	1.9	.1														43	49	34								
22/ 21		5.1	1.0	.1														57	57	53								
20/ 19	.4	3.9	.2															32	42	62								
18/ 17	.2	3.9	.3															41	41	51								
16/ 15		2.3	.5															26	26	35								
14/ 13	.2	1.3																14	14	23								
12/ 11		1.2																11	11	17								
10/ 9		1.3																14	14	17								
8/ 7	.4	1.0																13	13	14								
6/ 5	.1	.4																5	5	9								
4/ 3		.3																3	3	5								
2/ 1		.2																2	2	2								
0/ -1	.1																	1	1	3								
-2/ -3	.1																	1	1	1								
-4/ -5	.2																	2	2	2								
Element	Σ x ²	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature																						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26.5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 0300-0-00
HOURS L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
-6/-7																						2												
-8/-9																						1												
-10/-11																						0												
TOTAL	1,857	431.5	5.4	1.4	.4															927	930	927												

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5099754	68030	73.4	10.760	927	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	953244	27952	30.1	11.035	930	.4	54.2					93
Wet Bulb	809931	25635	27.7	10.445	927	.6	65.2					93
Dew Point	525960	20732	22.4	11.953	927	2.4	76.1					93

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

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HOURS (L.S.T.)

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USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94829 GIE PITTSBURGH IAP/PITTSBURGH PA
STATION STATION NAME

3-7

YEARS

250
MONTH

Page 0000-0000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

Q-7

YEARS

DEC
MONTH

Page 1 0900-1100
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63						.2												2	2																
52/ 61						.1												1	1																
60/ 59		.1	.2	.3														4	5																
58/ 57	.1		.1	.2	.1													7	7	4	3														
56/ 55		.1	.4		.3	.1	.1											17	10	7	1														
54/ 53		.1	.1	.1														3	3	6															
52/ 51		.4	.3	.5	.1	.1												19	19	7	5														
50/ 49		.4	.4	1.0	.4													22	22	10	9														
48/ 47	.1	.4	.4	.5	.1													15	15	17	17														
46/ 45	.1	.8	.2	.5	.1	.1												17	17	17	12														
44/ 43	.1	1.4	.4	.5	.1	.1												25	25	23	4														
42/ 41		1.9	1.3	.8	.1	.1												33	39	21	16														
40/ 39		2.4	1.7	1.1	.2													53	53	33	24														
38/ 37		3.1	1.4	1.3														56	56	44	30														
36/ 35	.1	3.6	2.4	.6	.2	.1												63	63	55	30														
34/ 33	.2	3.4	3.6	.9	.1													76	76	61	37														
32/ 31	.3	4.2	5.3	1.2	.3													107	107	74	62														
30/ 29	.1	3.4	4.5	.3														78	30	90	47														
28/ 27		2.3	1.8	.3														41	41	92	50														
26/ 25		5.0	1.9															64	64	64	66														
24/ 23		2.9	1.4	.1														45	45	72	58														
22/ 21		3.4	.9															38	38	43	79														
20/ 19		3.8	.3															40	40	52	61														
18/ 17		2.4	.3															27	27	38	54														
16/ 15		1.3	.2															14	14	23	67														
14/ 13		2.5																23	23	21	47														
12/ 11	.1	1.1																11	11	17	33														
10/ 9		1.0																9	9	11	42														
8/ 7	.1	.9																9	2	12	17														
6/ 5		.5																5	5	7	9														
4/ 3		.1																1	1	2	15														
2/ 1		.1																1	1	2	13														
0/ -1		.1																1	1		12														
-2/ -3	.1																	1	1	2	7														
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94823 GIR PITTSB'RGH IAP/PITTSBURGH PA
STATION STATION NAME

5-7

YEARS

MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

207

YEARS

MONTH

PAGE 1 1200-1400
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point						
38/ 67						.4												4	4								
60/ 65						.1	.1											2	2								
64/ 63						.2	.1											3	3								
62/ 61				.1		.4	.1	.2										8	8								
60/ 59	.2		.2	.3	.1	.1		.1										17	10	2	2						
58/ 57			.1		.1	.1	.2											9	8	5							
50/ 55		.1	.3	.4		.1	.1											14	14	7							
56/ 53		.0	.1	.1	.1	.2												15	14	8	2						
52/ 51	.1	.3	.2	.6	.2	.1												17	17	18	9						
50/ 49	.2		.6	.2	.4													16	14	13	10						
48/ 47	.1	.3	.1	1.1	.1		.2											20	20	11	11						
46/ 45		.2	.4	.5	1.0	.5	.1											32	32	22	7						
44/ 43		1.3	1.4	1.0	.3	.3												47	47	23	10						
42/ 41		2.2	.9	.8	1.5	.4												53	53	38	20						
40/ 39		2.7	1.8	2.0	1.1	.2												75	75	47	28						
38/ 37		1.9	1.0	1.9	.5													54	54	35	30						
36/ 35	.3	3.1	2.9	1.7	.5													80	90	49	47						
34/ 33	.3	2.7	4.0	1.7														51	31	94	37						
32/ 31		2.3	3.9	2.0	.4													82	82	91	44						
30/ 29		2.2	5.0	1.1														82	83	84	62						
28/ 27	.1	2.0	3.1	.2														51	52	76	45						
26/ 25		2.3	2.8	.1														48	49	87	50						
24/ 23		1.9	.3	.1														28	26	54	68						
22/ 21		1.1	.2															18	18	38	75						
20/ 19		1.8	.3															25	25	21	70						
18/ 17		.6	1.0															15	15	21	50						
16/ 15		1.4	.3															20	20	19	56						
14/ 13		.4	.9															12	12	22	47						
12/ 11		.9																8	8	12	27						
10/ 9		.2	.1															3	3	9	29						
8/ 7		.1																1	1	3	15						
6/ 5																				1	7						
4/ 3																					16						
2/ 1																					20						
Element (X)	Σ X'				Σ X				Σ				Σ R				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26.5 (OL 4) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

3-7.

Page 2 120-1490

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL				TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
0/-1																							0
-2/-3																							9
-8/-9																							2
-10/-11																							1
TOTAL	1.474	1.176	1.116	.2	7.0	3.5	1.4	.3													927	927	927

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	4297223	61601	66.5	14.671	927							
Dry Bulb	1239773	32487	36.9	10.628	926		29.4	.4				93
Wet Bulb	991794	28952	31.2	9.724	927		54.0					93
Dew Point	675983	22554	24.3	11.720	927	1.3	70.4					93

94823	GIP PITTSBURGH IAP/PITTSBURGH PA
STATION	STATION NAME

2-7

YEARS

MONTH

PAGE 1 1550-1/00
HOURS 11-5-11

USAFETAC

PSYCHROMETRIC SUMMARY

94822 - 615 PIRTEL 400 IAP/PIRTEL 300 - 22
STATION STATION NAME

YEARS

SC
MONTANA

PAGE 2 150-1700
HOURS L. S. *

[illegible]

PSYCHROMETRIC SUMMARY

948 STATION STATION NAME 9-7
STATION STATION NAME

YEARS

_____ MONTH

Page 1 1000-2100
HOURS IN S. S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71							.1											1	1																
66/ 65				.1														1	1																
54/ 63			.1			.2												3	3																
52/ 61						.1												1	1																
60/ 59				.1														1	1	3															
58/ 57			.1	.2	.2		.1											2	9		1														
56/ 55	.1		.4	.2	.3	.1												14	14	3	2														
54/ 53		.3	.5	.1	.1	.1												12	12	7	1														
52/ 51	.2	1.3	.3	.3	.3													23	23	14	6														
50/ 49	.3	.3	.9	.4	.4	.1												25	25	22	10														
48/ 47	.1	.4	.6		.1													17	12	15	18														
46/ 45		.3	.2	1.5	.3													27	27	17	9														
44/ 43	.1	1.4	1.5	.3	.1	.1												37	37	27	14														
42/ 41		1.5	1.3	1.0	.0	.2	.1											44	44	26	17														
40/ 39		1.6	2.5	1.1	.3	.2												55	55	44	23														
38/ 37	.2	1.4	1.3	1.1	.4													59	52	50	36														
35/ 35	.1	2.0	3.6	2.4	.3													65	65	44	32														
34/ 33		4.3	3.1	1.4	.2													64	64	64	37														
32/ 31		1.9	4.9	2.2	.1													64	64	96	53														
30/ 29	.2	2.9	4.0	.3														69	69	77	59														
28/ 27		3.1	3.7	.3														64	66	75	42														
26/ 25		2.3	3.2															51	51	84	46														
24/ 23		2.4	2.4															49	49	50	67														
22/ 21	.1	1.7	1.3															29	31	58	70														
20/ 19		.3	1.4															27	20	52	60														
18/ 17		.4	.3															11	11	22	59														
16/ 15		1.5	.8															21	21	12	00														
14/ 13		1.3	.8															18	18	24	51														
12/ 11		1.2																11	11	16	23														
10/ 9		.5																5	5	12	23														
8/ 7		.3																3	3	5	20														
6/ 5		.4																4	4	4	28														
4/ 3		.1																1	1	3	12														
2/ 1																				1	11														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

94021 GTC PITTS: MOON IAP/PITTSBO
STATION STATION NAME

3-5

YEARS

14.

1-60-100

[illegible]

PSYCHROMETRIC SUMMARY

3-7

YEARS

REC
MONTE

DATE 2100-2-60

[illegible]

PSYCHROMETRIC SUMMARY

94522 G.R. PITTS, JR. Do. IAR/PITTSBO 1-74
STAT DO NAME

FEARS

PAGE 2 4100-2400

[illegible]

GLOBAL CLIMATOLOGY BRANCH
HSAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

94824 GTP PITTSBURGH IAP/PITTSBURGH PA

2-75

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71							.0											1		1				
70/ 69							.0	.0										3		3				
68/ 67							.1											4		4				
66/ 65					.1	.1	.0											4		4				
64/ 63			.0	.0	.1	.1	.1											12		12				
62/ 61				.1	.0	.1	.0	.0	.0	.0								26		26				
60/ 59	.0	.0	.1	.2	.1	.0	.0	.0										30		39	9			
58/ 57	.1	.1	.2	.3	.2	.0	.1	.0										75		75	14			
56/ 55	.0	.2	.4	.2	.2	.1	.1	.0										86		86	38			
54/ 53		.3	.4	.1	.0	.1	.0											74		74	03			
52/ 51	.1	.6	.4	.4	.2	.2												130		130	98			
50/ 49	.1	.4	.9	.4	.3	.1												156		156	118			
48/ 47	.1	.5	.5	.5	.1	.0	.0											126		126	107			
46/ 45	.0	.3	.3	.6	.3	.2	.0											184		184	144			
44/ 43	.1	1.2	.3	.5	.3	.1	.1											220		226	175			
42/ 41	.1	1.0	1.0	.7	.4	.2	.0											302		302	217			
40/ 39	.1	2.3	1.8	1.0	.5	.1												420		421	258			
38/ 37	.2	2.3	1.8	1.2	.3	.0												430		433	333			
36/ 35	.4	3.6	2.4	1.2	.2	.0												599		600	365			
34/ 33	.2	3.7	4.0	1.0	.1													675		677	602			
32/ 31	.2	3.0	4.2	1.5	.1													677		680	633			
30/ 29	.2	3.0	4.4	.4	.0													593		598	643			
28/ 27	.0	3.0	3.0	.2														463		465	657			
26/ 25	.0	3.5	2.2	.2														437		441	622			
24/ 23	.0	2.8	1.8	.1														357		353	485			
22/ 21	.0	2.8	.3	.0														277		280	396			
20/ 19	.1	3.0	.8															287		287	328			
18/ 17	.0	2.0	.3															188		188	299			
16/ 15		1.8	.4															165		165	180			
14/ 13	.0	1.5	.2															130		130	156			
12/ 11	.0	1.1	.1															88		88	120			
10/ 9	.0	.8	.0															66		66	99			
8/ 7	.1	.5																47		47	63			
6/ 5	.0	.3																25		25	39			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hrs.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94822
STATION

GTR PITTSBURGH JAP/PITTSBURGH PA
STATION NAME

9-7

YEAR:

MONTH

PAGE 4

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
4/ 3		.1	.3																	22	22	25	140												
2/ 1			.1																	7	7	12	133												
0/ -1		.0	.0																	5	5	5	64												
-2/ -3		.1	.0																	7	7	2	30												
-4/ -5		.1																		4	4	7	30												
-6/ -7		.0																		1	1	1	15												
-8/ -9																							14												
-10/-11																							15												
-12/-13																							8												
-14/-15																							2												
-16/-17																							4												
TOTAL	2.2	47.4	34.2	10.4	3.7	1.3	.4	.1	.0											7415	7440	7415													

PSYCHROMETRIC SUMMARY

Q-7.

YEARS

ALL
MONTH

Page 1

4.66
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																								
96/ 95										.0	.1	.2	.3					13	13																										
94/ 93										.0	.1	.2	.3					25	25																										
92/ 91						.1	.0	.0	.0	.0	.0	.0						39	39																										
90/ 89						.0	.0	.1	.1	.0	.0	.0	.0					147	147																										
88/ 87					.0	.0	.0	.1	.1	.0	.0	.0	.0					241	243																										
86/ 85					.0	.0	.1	.2	.1	.1	.0	.1	.0					575	576																										
84/ 83				.0	.0	.1	.2	.1	.2	.1	.1	.0	.0	.0				948	954																										
82/ 81			.0	.0	.1	.2	.3	.3	.3	.1	.1	.0	.0	.0	.0			1311	1310	2																									
80/ 79			.0	.1	.2	.4	.4	.4	.4	.2	.2	.3	.0	.0				1602	1614	3																									
78/ 77			.0	.2	.4	.4	.3	.3	.3	.1	.1	.1	.0					1746	1755	31	3																								
76/ 75		.0	.1	.3	.5	.3	.4	.4	.4	.2	.1	.0	.0	.0	.0			2066	2080	214	5																								
74/ 73		.0	.3	.6	.4	.4	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0		2426	2441	662	34																								
72/ 71	.0	.1	.0	.0	.3	.4	.4	.3	.3	.1	.0	.0	.0					2912	2939	1407	242																								
70/ 69	.0	.3	1.2	.0	.5	.4	.3	.2	.1	.1	.0	.0	.0					3197	3226	2322	775																								
68/ 67	.0	.5	1.3	.7	.4	.4	.3	.2	.1	.1	.0	.0	.0					3561	3611	3240	1077																								
66/ 65	.0	.5	1.4	.8	.4	.4	.2	.1	.1	.1	.0	.0	.0					3577	3637	3733	2011																								
64/ 63	.0	.8	1.0	.8	.5	.3	.3	.1	.1	.1	.0	.0						3428	3451	4027	3185																								
62/ 61	.0	.8	.9	.4	.5	.3	.2	.1	.1	.0	.0							3385	3409	4209	3460																								
60/ 59	.0	.7	1.0	.6	.4	.3	.2	.1	.1	.0	.0							2903	3011	4007	3098																								
58/ 57	.0	.7	1.0	.6	.4	.3	.2	.1	.1	.0								3005	3026	3509	3451																								
56/ 55	.0	.7	1.0	.5	.4	.3	.2	.1	.0	.0								2973	3003	3547	3477																								
54/ 53	.1	.7	.9	.3	.4	.3	.2	.1	.0									2555	2578	3304	3014																								
52/ 51	.1	.3	.9	.3	.4	.3	.2	.1	.0									2691	2714	3224	3371																								
50/ 49	.1	.6	.9	.5	.4	.3	.2	.1										2503	2520	2959	3445																								
48/ 47	.1	.7	.6	.5	.4	.3	.1	.0										2434	2447	2947	3086																								
46/ 45	.0	.8	.7	.6	.4	.4	.1	.0										2307	2402	2601	2596																								
44/ 43	.0	.9	.8	.3	.5	.2	.0											2603	2620	2817	2483																								
42/ 41	.0	.9	.9	.7	.4	.1	.0											2565	2573	2798	2036																								
40/ 39	.1	.9	1.0	.6	.4	.1	.0											2654	2652	2908	2604																								
38/ 37	.1	1.0	.9	.8	.4	.0												2557	2562	2892	2026																								
36/ 35	.1	1.4	1.1	.6	.2	.0												2773	2777	2927	2429																								
34/ 33	.1	1.3	1.2	.3	.1	.0												3069	3073	3103	2704																								
32/ 31	.1	1.1	1.4	.5	.1													2727	2732	3357	2075																								
30/ 29	.1	1.2	1.3	.3	.0													2468	2473	3141	2567																								
Element (X)	Σx^2			Σx			\bar{x}			σ_x			No. Obs.			Mean No. of Hours with Temperature																													
Rel. Hum.																																≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 89 F		≥ 93 F		Total	
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													

948.3 GIP PITTSB AGR IAP/ PITTSBURGH PA
STATION STATION NAME

YEARS

Page 2

HOURS (L. S. T.)

0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 09-79

STATION		YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.0	26.0	36.8	44.9	54.2	61.7	66.0	65.0	59.4	47.9	39.5	30.9	46.5
	S D	13.188	12.663	11.327	10.846	8.702	6.883	5.268	5.521	7.605	8.940	11.107	10.982	17.394
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	23.0	24.7	35.2	42.7	51.8	59.7	63.8	62.9	57.7	46.2	38.5	30.1	44.6
	S D	13.374	13.089	11.450	10.926	8.972	7.116	5.652	5.979	7.918	8.967	11.169	11.035	17.173
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	22.2	23.9	34.5	43.2	53.7	62.1	65.7	63.9	57.7	45.8	37.8	29.6	45.1
	S D	13.563	13.505	11.687	11.045	8.892	7.146	5.689	5.875	8.123	9.069	11.329	11.002	17.998
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	24.0	27.0	39.4	50.8	62.3	70.4	74.0	72.4	65.6	53.1	41.6	31.5	51.1
	S D	13.144	13.221	12.102	11.947	9.411	7.674	6.071	5.700	8.091	9.026	11.457	10.737	20.100
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	27.8	31.6	44.6	55.9	67.1	75.1	78.7	77.7	71.1	59.1	46.1	34.9	55.9
	S D	12.835	12.594	12.894	12.695	10.741	7.951	6.419	5.876	8.524	9.984	12.050	10.628	20.580
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	28.7	33.1	46.2	57.1	67.9	75.4	79.0	78.5	71.7	59.6	46.0	35.3	56.7
	S D	12.569	12.452	12.968	12.777	10.293	8.055	6.271	5.942	8.293	10.273	11.954	10.600	20.450
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	26.5	30.6	42.6	53.6	64.0	71.4	75.3	73.9	66.5	54.3	42.8	33.3	53.0
	S D	12.436	12.064	11.892	12.047	9.753	7.838	5.978	5.621	7.725	9.423	11.070	10.590	19.508
	TOTAL OBS	930	846	930	900	928	900	930	930	900	930	900	930	10954
21-23	MEAN	24.3	28.1	39.1	48.6	58.2	65.4	69.3	68.1	61.6	50.2	40.5	31.9	48.9
	S D	12.709	12.206	11.250	11.032	8.706	6.826	5.074	5.015	7.445	8.990	10.978	10.784	17.958
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
ALL HOURS	MEAN	25.1	28.1	39.8	49.6	59.9	67.6	71.5	70.3	63.9	52.0	41.6	32.2	50.3
	S D	13.149	13.106	12.623	12.835	11.072	9.467	8.110	8.123	9.570	10.629	11.776	10.975	19.443
	TOTAL OBS	7440	6766	7440	7200	7435	7200	7440	7440	7200	7440	7200	7440	87641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 19-79

STATION		YEARS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22.2	23.9	32.8	39.6	49.2	57.2	61.8	61.5	56.3	44.7	36.6	28.3	43.0
	S D	12.123	10.920	10.205	9.635	8.446	6.442	5.075	5.412	7.562	8.832	10.533	10.421	16.450
	TOTAL OBS	919	807	930	900	930	889	914	918	900	921	897	926	10851
03-05	MEAN	21.5	23.1	31.7	38.3	47.9	56.0	60.5	60.2	55.0	43.5	35.8	27.7	41.9
	S D	12.255	11.290	10.324	9.864	8.778	6.685	5.458	5.795	7.819	8.880	10.537	10.445	16.387
	TOTAL OBS	918	803	930	897	928	886	914	914	900	919	897	927	10833
06-08	MEAN	20.7	22.3	31.4	38.9	49.4	57.7	62.0	60.9	55.0	43.1	35.4	27.3	42.1
	S D	12.495	11.707	10.585	9.938	8.456	6.604	5.303	5.624	7.967	8.930	10.682	10.432	17.016
	TOTAL OBS	921	807	930	897	925	885	915	912	898	918	898	929	10835
09-11	MEAN	22.3	24.8	34.8	43.4	54.2	61.9	65.9	65.4	59.7	48.1	38.1	28.8	45.7
	S D	12.147	11.204	10.612	9.754	8.128	6.401	4.926	4.832	7.356	8.371	10.459	10.093	17.632
	TOTAL OBS	922	810	930	898	928	884	915	914	896	917	897	928	10839
12-14	MEAN	25.1	28.2	38.0	45.8	56.0	63.4	67.0	66.8	61.6	51.0	40.7	31.2	48.0
	S D	11.688	10.362	10.668	9.567	8.027	6.273	4.882	4.714	7.166	8.545	10.410	9.724	17.023
	TOTAL OBS	926	808	928	900	928	888	915	915	895	921	900	927	10851
15-17	MEAN	25.5	29.1	38.7	46.2	56.0	63.4	66.9	66.8	61.7	50.9	40.4	31.5	48.2
	S D	11.463	10.079	10.396	9.315	7.737	6.056	4.615	4.627	7.022	8.656	10.266	9.647	16.746
	TOTAL OBS	929	809	929	900	930	891	916	918	899	921	900	927	10859
18-20	MEAN	23.8	27.2	36.4	44.2	54.0	61.7	65.6	65.3	59.6	48.2	38.5	30.1	46.3
	S D	11.558	10.089	9.894	9.390	7.813	6.157	4.659	4.681	7.138	8.811	10.203	10.029	16.811
	TOTAL OBS	930	809	930	900	928	891	915	918	900	921	899	925	10865
21-23	MEAN	22.6	25.6	34.2	41.7	51.4	59.1	63.5	63.1	57.4	46.1	37.1	29.1	44.4
	S D	11.719	10.417	9.874	9.441	8.046	6.141	4.807	5.005	7.362	8.813	10.395	10.300	16.552
	TOTAL OBS	924	806	930	900	927	891	915	915	900	921	898	926	10853
ALL HOURS	MEAN	23.0	25.5	34.8	42.3	52.3	60.1	64.2	63.8	58.3	46.9	37.8	29.2	44.9
	S D	12.034	11.009	10.642	10.042	8.715	6.907	5.511	5.681	7.852	9.195	10.594	10.242	16.994
	TOTAL OBS	7389	6459	7437	7192	7424	7105	7319	7324	7188	7359	7186	7415	86797

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94823 GTR PITTSBURGH IAP/PITTSBURGH PA 19-79

STATION		STATION NAME												YEARS	
HRS	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	16.5	17.0	25.9	32.4	44.2	53.8	59.0	59.1	53.9	41.0	37.1	22.8	38.3	
	S D	13.744	12.003	11.860	11.363	10.287	7.165	5.758	6.093	8.270	10.231	11.902	12.056	16.362	
	TOTAL OBS	919	807	930	900	930	889	914	918	900	921	897	926	10851	
03-05	MEAN	16.1	16.6	25.5	32.2	43.7	53.1	58.3	58.3	53.0	40.3	31.7	22.4	37.7	
	S D	13.667	12.207	11.771	11.194	10.273	7.197	5.938	6.289	8.381	10.155	11.701	11.953	18.217	
	TOTAL OBS	918	803	930	897	928	886	914	914	900	919	897	927	10833	
06-08	MEAN	15.5	16.2	25.6	33.1	45.1	54.4	59.5	59.0	52.9	40.1	31.5	22.1	38.0	
	S D	13.844	12.423	11.869	11.096	9.896	7.334	5.722	6.071	8.453	10.111	11.773	11.863	18.820	
	TOTAL OBS	921	807	930	897	925	885	915	912	898	918	898	929	10835	
09-11	MEAN	16.8	18.0	27.6	34.7	47.1	56.3	61.1	61.1	55.4	43.0	33.3	23.1	39.9	
	S D	13.633	12.038	12.204	11.407	10.321	7.694	6.066	6.054	8.513	9.953	11.629	11.717	18.832	
	TOTAL OBS	922	810	930	893	928	884	915	914	896	917	897	928	10839	
12-14	MEAN	18.3	19.9	28.8	34.9	47.1	56.1	60.4	60.6	55.2	43.3	33.8	24.3	40.3	
	S D	13.450	11.676	12.592	11.588	10.413	7.978	6.496	6.437	8.851	10.606	11.792	11.720	18.284	
	TOTAL OBS	926	808	928	900	926	888	915	915	895	921	900	927	10851	
15-17	MEAN	18.1	20.1	28.4	34.4	46.5	55.7	60.1	60.1	54.9	42.7	33.2	24.4	40.0	
	S D	13.396	11.604	12.389	11.583	10.330	7.622	6.474	6.472	8.882	10.941	11.808	11.655	18.174	
	TOTAL OBS	929	809	929	900	930	891	916	918	899	921	900	927	10869	
18-20	MEAN	16.8	18.6	27.1	33.3	45.4	55.2	59.9	60.0	54.6	41.8	32.5	23.6	39.2	
	S D	13.567	11.774	11.956	11.860	10.502	7.716	6.398	6.285	8.624	10.870	11.948	12.146	18.515	
	TOTAL OBS	930	809	930	900	928	891	919	918	900	921	899	925	10866	
21-23	MEAN	14.3	17.9	26.4	32.9	45.0	54.6	59.7	59.8	54.2	41.5	32.1	23.3	38.8	
	S D	13.455	11.858	11.698	11.610	10.354	7.782	5.930	6.126	8.350	10.510	11.986	12.248	18.465	
	TOTAL OBS	924	806	930	900	927	891	915	915	900	921	898	926	10853	
ALL HOURS	MEAN	16.8	18.0	26.9	33.5	45.5	54.9	59.8	59.7	54.2	41.7	32.5	23.3	38.0	
	S D	13.618	12.022	12.100	11.501	10.362	7.572	6.164	6.285	8.584	10.484	11.838	11.942	18.59	
	TOTAL OBS	7389	6459	7437	7192	7424	7105	7319	7324	7188	7359	7186	7415	86797	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94523 GTR PITTSBURGH IAP/pITTSBURGH PA
STATION STATION NAME

70-79 PERIOD

JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.8	99.7	97.6	85.2	59.6	24.8	4.9	72.8	919
	03-05	100.0	100.0	100.0	99.8	97.4	85.9	64.4	29.7	6.4	74.2	918
	06-08	100.0	100.0	100.0	99.8	97.5	89.7	68.4	33.0	8.1	75.1	921
	09-11	100.0	100.0	100.0	99.7	96.6	86.7	63.2	28.6	6.4	73.8	922
	12-14	100.0	100.0	100.0	98.1	90.9	70.6	43.3	19.9	4.4	68.1	926
	15-17	100.0	100.0	99.8	96.8	85.5	60.8	38.2	17.8	3.6	65.7	929
	18-20	100.0	100.0	99.9	97.8	99.9	67.7	41.5	18.5	4.1	67.5	930
	21-23	100.0	100.0	99.7	99.2	95.0	75.6	48.4	21.8	4.9	70.2	924
TOTALS		100.0	100.0	99.9	98.9	93.8	77.9	53.4	24.3	5.6	70.9	7389

RELATIVE HUMIDITY

70-75

FEB
MON

MONTH	HCURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	97.8	89.2	69.5	42.3	16.4	3.0	67.4	207
	03-05	100.0	100.0	100.0	98.1	90.9	77.0	47.4	22.8	4.9	69.6	303
	06-08	100.0	100.0	100.0	98.4	92.9	78.7	50.3	24.0	5.9	70.7	307
	09-11	100.0	100.0	99.9	96.5	89.5	71.2	40.7	16.2	4.4	67.5	313
	12-14	100.0	100.0	98.5	92.5	76.4	50.0	26.0	11.1	3.5	61.6	306
	15-17	100.0	100.0	97.3	89.9	66.9	43.5	23.4	10.9	3.3	59.2	309
	18-20	100.0	100.0	98.8	92.2	73.5	47.5	28.3	11.6	3.2	61.0	309
	21-23	100.0	100.0	99.8	96.0	84.9	58.1	32.3	14.0	3.7	64.6	306
TOTALS		100.0	100.0	99.3	95.2	83.0	61.9	36.3	15.9	4.1	65.2	6459

RELATIVE HUMIDITY

94323

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

70-79

442

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR.	00-02	100.0	100.0	99.7	95.9	82.4	62.9	41.5	18.3	4.1	66.0	930
	03-05	100.0	100.0	99.6	96.9	87.6	72.3	48.9	24.1	3.2	69.1	930
	06-08	100.0	100.0	100.0	98.4	88.7	75.5	56.0	28.5	7.0	71.1	930
	09-11	100.0	100.0	99.5	92.7	80.0	57.3	36.1	18.3	6.1	64.5	930
	12-14	100.0	99.9	94.1	79.1	58.2	39.2	25.1	12.4	2.8	56.8	928
	15-17	100.0	98.9	90.2	70.2	49.5	34.1	22.5	7.3	1.6	52.9	929
	18-20	100.0	99.4	94.0	79.9	59.8	41.2	27.8	10.4	1.5	56.9	930
	21-23	100.0	100.0	97.6	90.8	73.5	53.4	34.1	15.4	1.9	62.3	930
TOTALS		100.0	99.8	96.9	88.0	72.5	54.5	36.5	16.8	3.8	62.5	7437

USAFETACFORM
FD-44

0-87-5 (OL A)

RELATIVE HUMIDITY

94323 GTR pITTSBURGH IAp/pITTSBURGH pA
STATION STATION NAME

70-79

Apr

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.4	97.4	76.0	55.6	33.3	15.3	3.0	63.3	900
	03-05	100.0	100.0	100.0	98.2	87.5	69.1	44.0	20.0	2.9	67.8	897
	06-08	100.0	100.0	100.0	99.8	89.5	72.6	46.7	21.0	3.9	68.9	897
	09-11	100.0	99.8	97.2	79.4	57.3	38.9	23.2	11.7	.8	56.6	898
	12-14	100.0	98.8	83.9	56.8	39.4	25.9	15.7	7.0	1.0	48.6	900
	15-17	100.0	97.4	74.2	48.8	35.2	23.9	16.7	7.4	1.0	46.2	900
	18-20	100.0	98.8	82.7	60.0	40.4	28.7	20.0	9.9	.8	49.7	900
	21-23	100.0	99.7	96.6	79.6	59.3	39.8	26.0	13.3	2.2	57.3	900
TOTALS		100.0	99.3	91.8	76.9	60.6	41.3	28.2	13.2	2.0	57.3	7192

RELATIVE HUMIDITY

70-79

44Y

MONTH	HOURS LIST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	97.3	91.4	74.6	48.8	24.7	3.8	69.9	930
	03-05	100.0	100.0	100.0	99.1	95.4	86.3	67.8	32.9	6.4	74.6	928
	06-08	100.0	100.0	99.9	99.1	94.2	82.4	60.6	33.1	6.8	73.4	925
	09-11	100.0	100.0	98.6	88.1	65.7	44.9	25.2	12.6	2.0	59.5	928
	12-14	100.0	99.7	92.0	67.9	43.0	28.6	15.6	7.7	1.2	51.3	928
	15-17	100.0	99.0	85.7	60.9	39.6	25.6	15.2	8.3	1.3	49.4	930
	18-20	100.0	99.5	91.5	72.2	48.1	34.4	21.4	9.9	1.5	53.7	928
	21-23	100.0	100.0	99.1	91.9	75.4	53.9	36.4	16.7	2.4	63.4	927
TOTALS		100.0	99.8	95.9	84.6	69.1	53.8	36.4	18.2	3.2	61.9	7424

RELATIVE HUMIDITY

94923
STATE

GTK PITTSBURGH IAP/PITTSBURGH PA

59-78

JUN

STATION

STATION NAME

PERIOD

4400

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	93.4	58.3	32.5	6.1	75.7	889
	03-05	100.0	100.0	100.0	100.0	99.7	97.5	80.2	43.5	8.7	78.9	886
	06-08	100.0	99.9	99.9	99.9	99.7	92.7	69.7	36.4	5.8	76.1	885
	09-11	100.0	100.0	100.0	95.6	80.9	50.1	26.4	10.3	1.0	62.0	884
	12-14	100.0	100.0	98.0	82.8	50.5	25.2	12.8	4.5	.9	53.1	888
	15-17	100.0	100.0	96.2	78.7	46.7	26.6	13.2	3.9	.6	52.0	891
	18-20	100.0	100.0	98.5	89.3	65.0	40.9	23.0	7.9	.7	58.2	891
	21-23	100.0	100.0	100.0	99.3	92.9	73.6	45.1	19.9	3.3	69.0	891
TOTALS		100.0	100.0	99.1	93.2	79.4	62.5	42.4	19.9	3.4	65.6	7105

USAFETACFORM
FD-36

D-87-5 (OL A)

RELATIVE HUMIDITY

69-78

JUL

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	97.5	80.2	42.7	6.0	78.3	914
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	92.9	59.8	10.3	82.2	914
	06-08	100.0	100.0	100.0	100.0	99.9	97.7	85.8	54.6	9.2	80.5	915
	09-11	100.0	100.0	100.0	98.7	87.0	60.0	33.8	14.0	1.0	65.0	915
	12-14	100.0	100.0	99.6	87.0	56.7	29.1	12.8	5.0		54.7	915
	15-17	100.0	100.0	98.4	82.5	52.2	27.7	15.2	6.0	.5	53.9	916
	18-20	100.0	100.0	99.7	92.5	71.5	46.1	24.2	12.0	1.1	60.4	915
	21-23	100.0	100.0	100.0	99.9	97.2	84.6	54.8	24.3	3.0	71.8	915
TOTALS		100.0	100.0	99.7	95.1	83.1	67.8	50.0	27.3	3.9	68.4	7319

8AL CLIMATOLOGY BRANCH
 FFTAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94823
 STATION

GTR PITTSBURGH IAP/pITTSBURGH PA
 STATION NAME

69-78
 PERIOD

AUG
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	98.6	91.4	54.9	7.4	80.9	918
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.9	74.3	15.0	84.5	914
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.1	70.4	12.7	83.7	912
	09-11	100.0	100.0	100.0	99.3	90.9	71.8	43.0	20.2	2.0	68.2	914
	12-14	100.0	100.0	99.7	92.0	62.5	32.2	15.5	7.4	.5	56.7	915
	15-17	100.0	100.0	98.8	86.2	52.9	27.2	14.5	6.1	.9	54.5	918
	18-20	100.0	100.0	99.7	96.0	81.8	54.0	29.6	11.7	1.3	62.9	918
	21-23	100.0	100.0	100.0	100.0	98.9	91.4	65.2	34.0	3.4	74.9	915
TOTALS		100.0	100.0	99.8	96.7	85.9	72.0	56.7	34.9	5.4	70.8	7324

USAFETAC

FORM
 10-54

0-87-5 (OL A)

2

44-78

SEP
MONTH

PERIOD

USAFETAC FORM 0-87-S (OL A)

RELATIVE HUMIDITY

94823 GTR PITTSBURGH IAP/pITTSBURGH pA
STATION STATION NAME

69-78

PC T

HERNANDEZ

MONITORING

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MCNTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	97.1	88.9	72.5	45.6	16.4	77.7	921
	03-05	100.0	100.0	100.0	100.0	98.0	93.1	76.8	55.0	22.0	80.3	919
	06-08	100.0	100.0	100.0	100.0	99.3	94.2	79.1	55.8	21.4	81.0	918
	09-11	100.0	100.0	100.0	98.5	89.3	71.6	48.3	25.1	8.5	69.8	917
	12-14	100.0	100.0	97.6	87.2	62.6	36.6	21.6	11.8	4.1	57.9	921
	15-17	100.0	99.8	95.5	83.0	54.3	33.0	21.0	11.4	3.7	55.8	921
	18-20	100.0	100.0	99.3	94.9	80.0	56.0	35.2	17.7	4.0	64.4	921
	21-23	100.0	100.0	100.0	99.0	93.4	78.6	59.8	32.7	8.6	73.1	921
TOTALS		100.0	100.0	99.1	95.3	84.3	69.0	51.8	31.9	11.1	70.0	7359

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

94R23
STATION

GTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-78

NOV

PERIOD

4. 2013

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	98.9	96.2	88.0	68.0	38.6	11.1	75.6	897
	03-05	100.0	100.0	100.0	99.9	97.0	90.3	72.8	43.1	12.5	77.1	897
	06-08	100.0	100.0	100.0	99.9	97.7	92.1	77.8	48.8	14.9	78.5	898
	09-11	100.0	100.0	100.0	98.8	93.8	80.6	57.9	35.2	8.2	73.3	897
	12-14	100.0	100.0	98.8	94.1	77.1	55.4	26.2	20.3	4.3	64.2	900
	15-17	100.0	100.0	98.7	90.2	73.3	52.1	35.9	18.3	4.4	63.1	900
	18-20	100.0	100.0	99.6	96.0	86.4	68.0	47.3	23.0	7.3	68.5	899
	21-23	100.0	100.0	99.9	98.8	92.9	81.7	59.4	30.2	9.0	72.8	898
TOTALS		100.0	100.0	99.6	97.1	89.3	76.0	56.9	32.2	9.0	71.6	7186

USAF-TACFORM
11-15-64

G-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94823
STATION

GTR PITTSBURGH 1AP/pITTSBURGH PA
STATION NAME

44-78

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.6	96.5	86.7	56.2	23.2	4.0	72.3	926
	03-05	100.0	100.0	100.0	100.0	98.0	87.7	61.5	26.1	4.2	73.4	927
	06-08	100.0	100.0	100.0	99.8	97.8	88.5	65.8	30.0	5.1	74.1	929
	09-11	100.0	100.0	100.0	98.9	95.3	80.6	55.6	26.0	3.3	71.6	928
	12-14	100.0	100.0	99.5	95.9	86.1	64.2	39.1	20.1	4.2	66.5	927
	15-17	100.0	100.0	99.5	95.5	84.6	61.6	36.8	19.7	4.3	65.9	927
	18-20	100.0	100.0	99.8	98.8	90.4	70.5	42.4	20.2	3.9	68.4	925
	21-23	100.0	100.0	100.0	99.7	95.0	80.1	51.2	23.0	4.1	71.0	926
TOTALS		100.0	100.0	99.9	98.5	93.0	77.5	51.1	23.5	4.1	70.4	7415

USAFETAC

FORAL
11/11/11

C-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94-23
STATIONGTR PITTSBURGH IAP/PITTSBURGH PA
STATION NAME

69-79

PERIOD

All
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	99.9	93.4	77.9	53.4	24.3	5.6	70.9	7389
FEB		100.0	100.0	99.3	95.2	82.0	61.9	36.3	15.9	4.1	65.2	6459
MAR		100.0	99.8	96.9	88.0	72.5	54.5	36.5	16.8	3.8	62.5	7437
APR		100.0	99.3	91.8	76.9	60.6	44.3	28.2	13.2	2.0	57.3	7192
MAY		100.0	99.8	95.9	84.6	69.1	53.8	36.4	18.2	3.2	61.9	7424
JUN		100.0	100.0	99.1	93.2	79.4	62.5	42.4	19.9	3.4	65.6	7105
JUL		100.0	100.0	99.7	95.1	83.1	67.8	50.0	27.3	3.9	68.4	7319
AUG		100.0	100.0	99.8	96.7	85.9	72.0	56.7	34.9	5.4	70.8	7324
SEP		100.0	100.0	100.0	97.6	89.3	76.2	60.7	35.5	6.6	72.4	7188
OCT		100.0	100.0	99.1	95.3	84.3	69.0	51.8	31.9	11.1	70.0	7359
NOV		100.0	100.0	99.6	97.1	89.3	76.0	56.9	32.2	9.0	71.6	7186
DEC		100.0	100.0	99.9	98.5	93.0	77.5	51.1	23.5	4.1	70.4	7415
TOTALS		100.0	99.9	98.9	93.1	81.9	66.1	46.7	24.5	5.2	67.3	86797

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

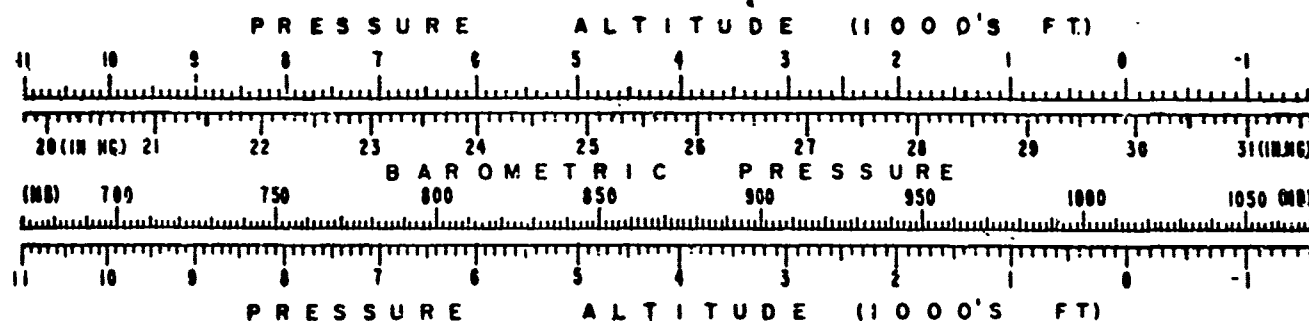
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

94824 STR PITTSBURGH IAP/PITTSBURGH PA 9-79

STATION

STATION NAME

YEARS

HRS	1	2	3	4	5	6	7	8	9	10	11	12	ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
01	MEAN	28.716	28.723	28.683	28.706	28.695	28.702	28.746	28.782	28.790	28.811	28.753	28.720	28.736
	S D	.257	.236	.219	.214	.153	.144	.117	.110	.139	.177	.210	.236	.194
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	28.721	28.715	28.671	28.696	28.688	28.696	28.740	28.777	28.784	28.808	28.748	28.724	28.731
	S D	.256	.236	.227	.224	.159	.149	.121	.112	.144	.180	.214	.235	.198
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	28.729	28.731	28.691	28.721	28.715	28.722	28.764	28.803	28.809	28.829	28.762	28.730	28.751
	S D	.257	.239	.240	.231	.164	.155	.124	.114	.143	.184	.215	.238	.202
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	28.753	28.750	28.705	28.730	28.722	28.728	28.771	28.815	28.820	28.846	28.778	28.751	28.764
	S D	.259	.247	.247	.233	.165	.156	.124	.112	.143	.191	.220	.241	.205
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	28.712	28.722	28.679	28.705	28.694	28.709	28.755	28.795	28.794	28.813	28.743	28.711	28.736
	S D	.253	.249	.239	.225	.156	.150	.123	.109	.138	.186	.216	.241	.201
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	28.705	28.698	28.653	28.677	28.672	28.685	28.729	28.765	28.763	28.792	28.732	28.706	28.715
	S D	.247	.248	.224	.213	.148	.142	.119	.107	.134	.180	.208	.237	.194
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	28.723	28.718	28.674	28.688	28.675	28.684	28.728	28.765	28.771	28.807	28.752	28.725	28.726
	S D	.246	.243	.211	.205	.145	.138	.115	.104	.131	.178	.205	.236	.190
	TOTAL OBS	310	282	310	300	309	306	310	310	300	310	300	310	3651
22	MEAN	28.728	28.726	28.689	28.712	28.699	28.708	28.750	28.788	28.791	28.820	28.757	28.727	28.741
	S D	.249	.242	.212	.207	.147	.139	.114	.106	.133	.179	.207	.233	.191
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	28.724	28.723	28.681	28.704	28.695	28.704	28.748	28.786	28.790	28.816	28.753	28.724	28.727
	S D	.253	.243	.228	.219	.155	.147	.120	.110	.139	.182	.212	.237	.197
	TOTAL OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAF-TAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

94823 GIP PITTSBURGH IAP/PITTSBURGH PA 9-79

STATION

STATION NAME

YEARS

MPS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1018.0	1018.1	1016.0	1016.3	1015.4	1015.3	1016.6	1018.0	1018.5	1019.9	1018.3	1017.8	1017.4
	S D	9.218	8.769	7.938	7.645	5.413	5.059	4.164	3.925	4.975	5.382	7.548	8.508	6.969
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1018.2	1017.8	1015.6	1016.0	1015.2	1015.1	1016.5	1017.8	1018.3	1019.8	1018.2	1017.9	1017.2
	S D	9.396	8.666	8.212	8.021	5.646	5.241	4.277	4.027	5.139	6.506	7.690	8.468	7.129
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1018.6	1018.5	1016.4	1017.0	1016.2	1016.1	1017.4	1018.8	1019.4	1020.7	1018.8	1018.2	1018.0
	S D	9.376	8.823	8.669	8.269	5.812	5.408	4.367	4.090	5.151	6.663	7.791	8.623	7.259
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1019.4	1019.1	1016.9	1017.2	1016.4	1016.2	1017.6	1019.2	1019.7	1021.2	1019.4	1018.9	1018.4
	S D	9.481	9.090	8.899	8.291	5.794	5.443	4.375	3.962	5.109	6.854	7.926	8.730	7.377
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1017.9	1018.1	1015.9	1016.2	1015.3	1015.5	1017.0	1018.4	1018.7	1019.9	1018.0	1017.4	1017.4
	S D	9.186	9.113	8.588	7.996	5.496	5.259	4.351	3.876	4.930	6.676	7.754	8.659	7.175
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1017.6	1017.2	1015.0	1015.3	1014.6	1014.7	1016.1	1017.4	1017.6	1019.2	1017.7	1017.3	1016.6
	S D	8.986	9.087	8.064	7.582	5.231	5.006	4.226	3.815	4.779	6.477	7.452	8.538	6.973
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1018.4	1018.0	1015.8	1016.1	1014.8	1014.7	1016.1	1017.5	1018.0	1019.9	1018.5	1018.0	1017.1
	S D	8.962	8.964	7.619	7.364	5.125	4.857	4.046	3.716	4.683	6.433	7.386	8.503	6.884
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
22	MEAN	1018.5	1018.3	1016.3	1016.6	1015.6	1015.5	1016.8	1018.2	1018.7	1020.3	1018.5	1018.1	1017.6
	S D	9.108	8.943	7.643	7.403	5.192	4.882	4.025	3.772	4.765	6.444	7.463	8.438	6.878
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1018.3	1018.1	1016.0	1016.3	1015.5	1015.4	1016.8	1018.2	1018.6	1020.1	1018.4	1017.9	1017.5
	S D	9.217	8.927	8.222	7.838	5.492	5.167	4.255	3.939	4.976	6.571	7.632	8.559	7.106
	TOTAL OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214